

DEPARTMENT OF COMMERCE AND LABOR
BUREAU OF THE CENSUS

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THIRTEENTH CENSUS OF THE UNITED STATES
TAKEN IN THE YEAR 1910

STATISTICS
FOR
NORTH DAKOTA

CONTAINING STATISTICS OF POPULATION,
AGRICULTURE, MANUFACTURES, AND
MINING FOR THE STATE, COUNTIES,
CITIES, AND OTHER DIVISIONS

REPRINT OF THE SUPPLEMENT FOR NORTH DAKOTA PUBLISHED IN CONNECTION WITH THE
ABSTRACT OF THE CENSUS



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THIRTEENTH CENSUS PUBLICATIONS.

The results of the Thirteenth Decennial Census will be published in two forms: A comprehensive report in 12 volumes, and a condensed report, the Abstract of the Thirteenth Census, which is being issued with Supplements for the different states.

The material contained in the Supplements embraces for each state all of the census results published concerning the state, its counties, cities, and other civil divisions, except as to occupations. This material is bound up in one volume with the Abstract of the Thirteenth Decennial Census. The result is a series of editions of the Abstract each with a different State Supplement, with the purpose of furnishing those who receive the Abstract with the statistics of the state in which they reside.

The material contained in the various State Supplements will also be printed by subjects in the final reports. The chapters relating to Population for all of the states will be assembled in two volumes of the final report on Population; those relating to Agriculture, in two volumes of the final report on that subject; those relating to Manufactures, in one volume of the final report on Manufactures; and those relating to Mining, in the final report on Mining.

The present pamphlet is a reprint of the State Supplement. It contains no material which is not available in the bound volume of the Abstract for the state to which it refers, or in the complete final report of the Thirteenth Census, and has been issued in a very limited edition for special purposes.

SUPPLEMENT FOR NORTH DAKOTA



POPULATION
AGRICULTURE
MANUFACTURES
MINES AND QUARRIES

CHAPTER 1.

NUMBER OF INHABITANTS.

Introduction.—This chapter gives the population of North Dakota, by counties and minor civil divisions, as enumerated at the Thirteenth Census, taken as of April 15, 1910, with comparative statements of population where possible, and a statement and discussion for the state as a whole of the population living in urban and in rural territory. The statistics are given in detail in two general tables.

Table 1 (p. 573) shows the population of North Dakota, distributed according to counties and minor civil divisions, at the last three Federal censuses, namely, those of 1910, 1900, and 1890. The arrangement of counties and of the primary divisions in each county, except the few that are numbered, is alphabetical. The figures for the two secondary divisions are printed in italics. The changes in boundaries, name, or form of organization that have taken place since 1900 are indicated in the footnotes to the table. For changes between 1890 and 1900 reference must be made to the census report of 1900.

It may be noticed that the county totals as given in Table 1 for 1900 and 1890 sometimes exceed the aggregate population of the minor civil divisions as shown in the table. This is for the most part due to the territorial changes that have been made in the minor civil divisions within certain counties since 1890. In some counties the population returned by townships in 1910 was not so returned at earlier censuses. In other instances, however, the population of certain divisions returned separately at one census was returned in combination with that of other divisions at another census.

Table 2 (p. 588) shows the cities and incorporated towns and villages in North Dakota, alphabetically arranged, with their population in 1910, 1900, and 1890.

The population of North Dakota, by counties, at each of the last three Federal censuses, from 1890 to 1910, inclusive, also comparative figures, where possi-

ble, for 1870 and 1880 for those counties, which at these censuses formed part of Dakota territory; the increase during the last two decades; the density of the total and the rural population at the census of 1910; and the distribution of the population at the last two Federal censuses according to urban and rural districts, are given in Table I of Chapter 2.

The tables and text of the present chapter contain few technical expressions whose meaning is not apparent. The census usage in regard to certain terms is, however, explained below:

Density of population.—The density of population of a state or county is obtained by dividing its total population by the number of square miles in its land area. In calculating the density of rural population, the same divisor is used as it is not practicable to ascertain and deduct the exact area covered by the urban districts, and even if this could be done with accuracy the deduction of this area from the total land area would ordinarily make no appreciable difference in the resulting quotient.

Minor civil divisions.—The counties are divided generally into smaller political units which bear different designations in the different parts of the country, such as towns, townships, election precincts, school townships, etc. Of these minor civil divisions those which rank next to the county as geographic areas are termed primary divisions. In many instances, however, these primary divisions contain political units of still smaller area, such as cities, incorporated villages, towns, or boroughs. These smaller political units are referred to as secondary divisions.

Urban and rural population defined.—The Census Bureau, for purposes of discussion, has defined urban population as that residing in cities and other incorporated places of 2,500 inhabitants or more, and rural population as that residing outside of such incorporated places.

The comparisons of the urban and rural population in 1910 with that at earlier enumerations may be made either with respect to the varying proportions of the two classes at successive enumerations or with respect to the increase between enumerations. In order to contrast the *proportion* of the total population living in urban or rural territory at the census of 1910 with the proportion urban or rural at the preceding census, it is necessary to classify the territory according to the conditions *as they existed* at each census. In this comparison a place having less than 2,500 inhabitants in 1900 and

HISTORICAL NOTE.—The name Dakota was originally that of an Indian nation which inhabited the region now comprising North Dakota and adjacent states. The word signifies "friends, allies, or confederates."

The first authentic exploration within the present limits of North Dakota was made in 1738 when the French explorers, De la Verendrye and his sons, attempted to reach the Pacific Ocean. In 1804 and 1806 the United States Government exploring expedition under Lewis and Clark passed through the Dakota country by way of the Missouri River. British subjects had trading posts in this region early in the nineteenth century, and in 1810 Lord Selkirk, considering it British territory, built a fort near Pembina. Shortly afterwards a colony was planted here under a grant from the Hudson Bay Company. In 1823 the United States discovered that this place was within its borders, and raised the American flag over it.

North Dakota was originally a part of the vast area known as Louisiana, which was ceded by France to Spain in 1763, retroceded in 1800, and purchased by the United States in 1803. It belonged successively to the district of Louisiana (1804-5), the territory of Louisiana (1805-1812), and the territory of Missouri (1812-1834). That part of the present state lying east of the Missouri and White Earth Rivers belonged to Michigan territory (1834), to Wisconsin territory (1836), to Iowa territory (1838), and to Minnesota territory (1849). The area between the Missouri and White Earth Rivers and the present western boundary of North Dakota formed a part of

the "Indian Country" from 1834 to 1854, and in the latter year was included in the territory of Nebraska.

Upon the admission of the state of Minnesota in 1858, the region lying between that state and the Missouri and White Earth Rivers was left without legal name or existence, and it so remained until March, 1861, when the territory of Dakota was organized. At this time Dakota extended from the Keyapaha, Niobrara, and Missouri Rivers and the forty-third parallel to the Canadian boundary and from Minnesota to the Rocky Mountains, thus including the area now comprising most of Montana and nearly half of Wyoming. In 1863, when Idaho territory was formed, the region between the Rocky Mountains and the present western boundaries of North and South Dakota was included. Most of the present area of Wyoming was transferred from Idaho to Dakota in 1864, and continued a part of the latter territory until 1868, when Wyoming territory was organized. In 1882 a small triangular tract of land lying south of the forty-third parallel and west of the Missouri River was transferred from Dakota to Nebraska.

At the election of November, 1887, the question of the division of the Dakota territory into two states was submitted to the people and was carried at the polls. In November, 1889, North Dakota, with boundaries as at present, became a state of the Union.

over 2,500 in 1910 is classed with the rural population for 1900 and with the urban for 1910. On the other hand, in order to present fairly the contrast between urban and rural communities, as regards their *rate of growth*, it is necessary to consider the changes in population for the *same* territory which have occurred from one decennial census to another. For this purpose the territory which in 1910 was urban or rural, as the case may be, is taken as the basis, and the population in 1900 for the same territory (so far as separately reported

at that census) is presented, even though part of the territory may, on the basis of its population at the earlier census, have then been in a different class. This avoids the disturbing effect on comparisons which would arise from the passage, for example, of communities formerly classed as rural into the urban group. These two distinct forms of comparison are made in Table I of Chapter 2 for the state as a whole and for each county separately for the last two Federal censuses.

TOTAL POPULATION, INCREASE, AND DISTRIBUTION.

Population of the state.—The population of North Dakota is 577,056. Compared with a population of 319,146 in 1900, this represents an increase during the last decade of 257,910, or 80.8 per cent. During the same period the total population of the United States increased 21 per cent. The rate of growth in the population of the state during this decade was

much greater than during the preceding decade, 1890–1900, when the rate was 67.1 per cent.

The following table shows the population of North Dakota at each Federal census from 1890 to 1910, inclusive, together with the increase and per cent of increase during each decade, in comparison with the per cent of increase for the United States as a whole.

CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1910.....	577,056	257,910	80.8	21.0
1900.....	319,146	128,163	67.1	20.7
1890.....	¹ 190,983	.....	.....	.....

¹ Includes population (8,264) of Indian reservations specially enumerated.

North Dakota was admitted as a state in 1889 and appears for the first time in the Federal census reports of 1890. That part of Dakota territory which now comprises the state of North Dakota had in 1870 a population of 2,405, which increased to 36,909 in 1880 and to 190,983 in 1890. Since 1890 the population has increased 386,073, of which increase more than two-thirds was gained during the last decade. The rate of growth for the state during this 20-year period was 202.2 per cent, while the rate for the United States was 46.1 per cent.

Principal cities.—North Dakota has 64 cities. Fargo, the largest, has a population of 14,331, and Grand Forks, the second city, a population of 12,478. Minot, Bismarck, and Devils Lake, with 6,188, 5,443, and 5,157 inhabitants, respectively, are the other cities in the state having over 5,000 inhabitants. There are also 5 cities having from 2,500 to 5,000 inhabitants and 54 having less than 2,500 inhabitants. The aggregate population of the 64 cities is 112,077, or 19.4 per cent of the total population of the state.

Table 2 shows the population in 1910 of all the cities of the state with comparative figures, where possible, for 1900 and 1890. The table following shows the population of the 5 cities having in 1910 over 5,000 inhabitants, as reported at each Federal census since their incorporation, together with the increase during each decade.

Of the cities included in this table, Minot shows the highest rate of increase during the last decade, namely, 384.6 per cent, and Fargo the lowest, 49.5 per cent.

The rates of increase for all cities, with the exception of Fargo, have been higher during the last decade than during the preceding decade.

CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.	
		Number.	Percent.
Bismarck:			
1910.....	5,443	2,124	64.0
1900.....	3,319	1,133	61.8
1890.....	2,186	428	24.3
1880.....	1,758	.....	.....
Devils Lake:			
1910.....	5,157	3,428	198.3
1900.....	1,729	883	104.4
1890.....	846	.....	.....
Fargo:			
1910.....	14,331	4,742	49.5
1900.....	9,589	3,925	69.3
1890.....	5,664	2,971	110.3
1880.....	2,693	.....	.....
Grand Forks:			
1910.....	12,478	4,826	69.1
1900.....	7,652	2,673	53.7
1890.....	4,979	3,274	192.0
1880.....	1,705	.....	.....
Minot:			
1910.....	6,188	4,911	384.6
1900.....	1,277	702	122.1
1890.....	575	.....	.....

Counties.—North Dakota has 49 counties. The population of these counties ranges from 3,577 in Oliver County to 33,935 in Cass County.

The following territorial changes have been made in the counties of North Dakota since 1900: Part of Billings was taken in 1907 to form Bowman; parts of Stark and Billings were taken in 1905 to form McKenzie; parts of Stark were taken in 1907 to form Adams

and Hettinger; parts of Ward were taken to form Mountrail in 1909, and Burke and Renville in 1910; parts of Mercer and Stark were taken in 1908 to form Dunn; part of McLean was taken in 1909 to form Sheridan; and part of Williams was taken in 1910 to form Divide.

Owing to the organization since 1900 of 10 new counties from parts of other counties, as shown above, the comparison of increase or decrease in population is made for only 33 counties and four combinations of counties. The combinations of counties are Adams, Stark, Bowman, Billings, Dunn, Mercer, Hettinger, and McKenzie; Burke, Ward, Mountrail, and Renville; Divide with Williams; and Sheridan with McLean. In order to determine the actual rate of increase for this territory, it is necessary to add the population of each new county to that of the old counties from which it was formed. Thirty counties and the four combinations of counties increased in population during the last decade. The rates of increase for the counties which do not enter into the combinations and which show increases range from 13.1 per cent in Richland County to 279.6 per cent in Logan County, and the absolute increases of the same group of counties range from 1,470 in Eddy County to 15,012 in Morton County. Each combination of counties shows a large percentage of increase. Three counties decreased in population during the last decade, the percentages of decrease being 17.5, 4.3, and 3.9 in Pembina, Traill, and Walsh Counties, respectively, and the absolute decreases 3,120 in Pembina County, 562 in Traill County, and 797 in Walsh County. The aggregate increase of population from 1900 to 1910 in the four combinations of counties and in the 30 counties that showed increases was 262,389; the aggregate decrease of population in the 3 counties that showed decreases was 4,479. The difference, 257,910, is, of course, the total increase of population in the state.

The maps on page 571 show the increase or decrease in the total and the rural population, respectively, of each county of North Dakota during the last decade. In the counties shown in white the population decreased; for the other counties the different rates of increase are indicated by differences in shading.

Density of population.—The total land area of the state is 70,183 square miles. The average number of persons to the square mile in 1910 was 8.2; in 1900 and 1890 it was 4.5 and 2.7, respectively. The average number per square mile for the United States as a whole in 1910 was 30.9.

The density of population is given by counties in Table I of Chapter 2 and in the maps on page 572, both for the entire population and for that living in rural territory, excluding in the latter case the population of places of 2,500 inhabitants or more, but not excluding the land area of such places.

Morton County, with 4,742 square miles, has the largest area, and Foster County, with 644 square miles, has the smallest area. Grand Forks County, containing Grand Forks city, has the highest density of any county, namely, 19.5 persons per square mile, while McKenzie County, with 2 persons per square mile, has the lowest density.

Minor civil divisions.—The political divisions into which counties are subdivided are collectively termed "Minor civil divisions." In North Dakota the counties are divided into 1,460 primary divisions, comprising 910 civil townships, 297 school townships, 27 school districts, 16 election precincts, 3 towns, 64 cities, and 143 villages. There are also 2 secondary divisions in the state, each a village which is not an independent minor civil division but which forms a part of the township in which it is located. Besides these minor civil divisions there are 513 unorganized townships, 11 of which have no population reported, and 3 Indian reservations in the state. These reservations, though independent of any county organization, are returned under the counties in which they are wholly or partly located.

Urban and rural population compared.—The following table presents the population of North Dakota at the Federal censuses of 1910, 1900, and 1890, respectively, distributed among cities, towns, and villages grouped according to specified limits of population, together with the percentage of the total population contained in each group at each of the censuses named. The classification is based upon the population of each place as it existed at each census.

CLASS OF PLACES.	1910		1900		1890		PER CENT OF TOTAL POPULATION.		
	Number of places.	Population.	Number of places.	Population.	Number of places.	Population.	1910	1900	1890
Total population.....		577,056		319,146		¹ 190,983	100.0	100.0	100.0
Urban territory.....	10	63,236	4	23,413	2	10,643	11.0	7.3	5.6
Cities of—									
10,000 inhabitants or more.....	2	26,809					4.6		
5,000 to 10,000 inhabitants.....	3	16,788	2	17,241	1	5,664	2.9	5.4	3.0
2,500 to 5,000 inhabitants.....	5	19,639	2	6,172	1	4,979	3.4	1.9	2.6
Rural territory.....		513,820		295,733		¹ 180,340	89.0	92.7	94.4
Cities, towns, and villages of less than 2,500 inhabitants...	202	98,020	71	47,735	49	20,231	17.0	15.0	13.7
Other rural territory.....		415,800		247,998		¹ 154,109	72.1	77.7	80.7

¹ Includes population (8,264) of Indian reservations specially enumerated.

As shown by this table, the urban territory of the state in 1910—that is, the cities of 2,500 inhabitants or more—contained 63,236 inhabitants, or 11 per cent of the total population, while 513,820 inhabitants, or 89 per cent, lived in rural territory. The urban territory as it existed in 1900—that is, the cities then having 2,500 inhabitants or more—contained 23,413 inhabitants, or 7.3 per cent of the total population, while 295,733 inhabitants, or 92.7 per cent, lived in rural territory. There has thus been a considerable increase in the proportion of urban population. For the United States as a whole the urban population constituted 46.3 per cent of the total population in 1910 and 40.5 per cent of the total population in 1900.

The state of North Dakota had in 1910 two cities of over 10,000 inhabitants each, Fargo and Grand Forks, whose combined population comprised 4.6 per cent of the total population of the state, while the eight other places of over 2,500 inhabitants together contributed 6.3 per cent of the entire population of the state.

The urban population of the state is contained in 10 cities, having a combined population of 63,236. The rural population is in 202 incorporated places of less than 2,500 inhabitants each and in the unincorporated territory. The 202 places of less than 2,500 inhabitants each have an aggregate population of 98,020, or 17 per cent of the total population of the state. These places comprise 23 having from 1,000 to 2,500 inhabitants each, with a combined population of 32,145; 41 having from 500 to 1,000 inhabitants each, with a combined population of 26,854; and 138 having less than 500 inhabitants each, with a combined population of 39,021. The population living in unincorporated territory represents 72.1 per cent of the total population of the state.

The table on page 569 shows further that in all incorporated places, including those of less than 2,500 inhabitants, there was in 1910 a population of 161,256, or 27.9 per cent of the population of the state. The population of all incorporated places, as they existed in 1900, was 71,148, or 22.3 per cent of the population of the state.

Table I of Chapter 2 shows that of the 4 counties of North Dakota which contained urban population in 1900, 2 had a larger proportion and 2 a smaller proportion of urban population in 1910 than in 1900. Three

counties and three combinations of counties which were wholly rural in 1900 were partly urban in 1910, while 26 counties and one combination of counties were wholly rural at both censuses.

In order to compare the *rate of growth* in urban and rural communities it is necessary in each case, as previously explained, to consider the changes in population which have occurred in the *same* territory from one decennial census to another. With this end in view places classed as urban or rural according to their population in 1910 are taken as a basis and the aggregate population in 1910 and in 1900 of the same places is then compared. Thus, as shown in the next table, the total population in 1910 of the cities which at that time had 2,500 inhabitants or more was 63,236; in 1900 the total population of these same places was 33,362. It may be noted that the latter figure exceeds the total population in 1900 of the cities which at that time had over 2,500 inhabitants each, 23,413 (see table on page 569), by 9,949. The difference is the result of the passage, since 1900, of certain communities from the rural to the urban class.

In the following table the population for the state as a whole is distributed so as to show, for 1910 and 1900, the combined population of the cities having, in 1910, 2,500 inhabitants or more, and the population of the remainder of the state.

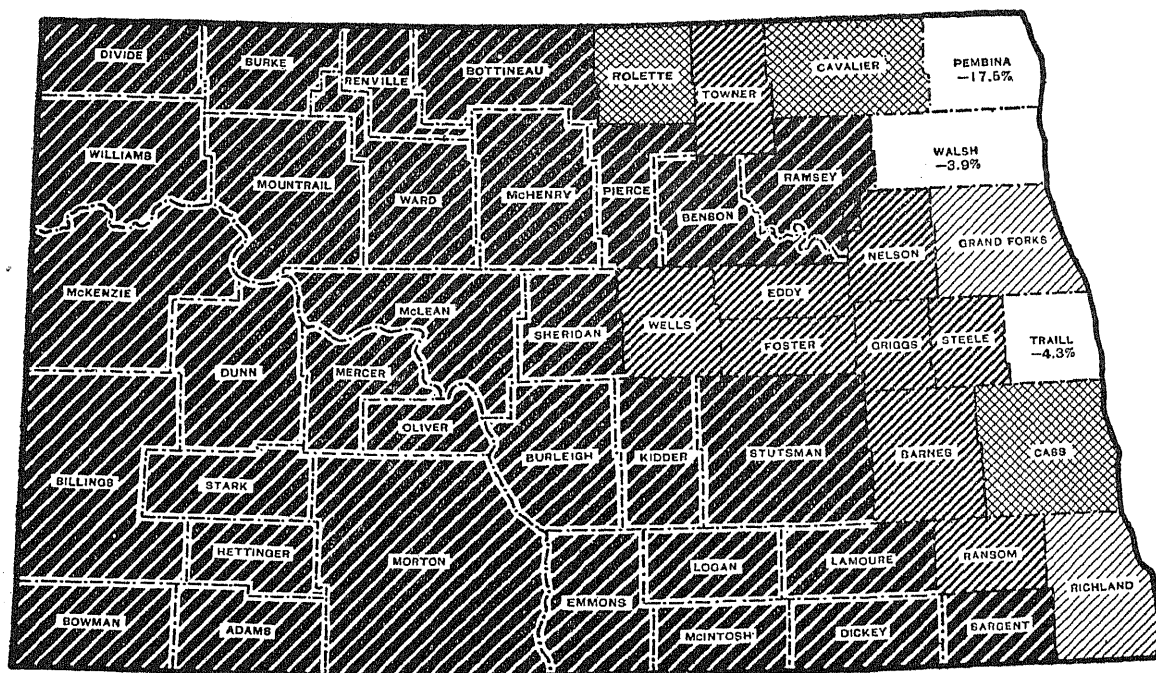
CLASS OF PLACES.	POPULATION.		INCREASE: 1900-1910	
	1910	1900	Number.	Per cent.
The state.....	577,056	319,146	257,910	80.8
Cities of 2,500 inhabitants or more in 1910....	63,236	33,362	29,874	89.5
Remainder of the state.....	513,820	285,784	228,036	79.8

A comparison of the total population in 1910 of cities having a population of not less than 2,500 each with the total population of the same places in 1900, as given in the preceding table, shows an increase of 89.5 per cent. This represents the rate of growth of urban communities as thus defined. During the same period the rural population, comprising that of the remainder of the state, increased 79.8 per cent. Urban population thus increased somewhat faster than that of rural territory. For the United States as a whole urban population increased 34.9 per cent in the last decade and rural population 11.2 per cent.

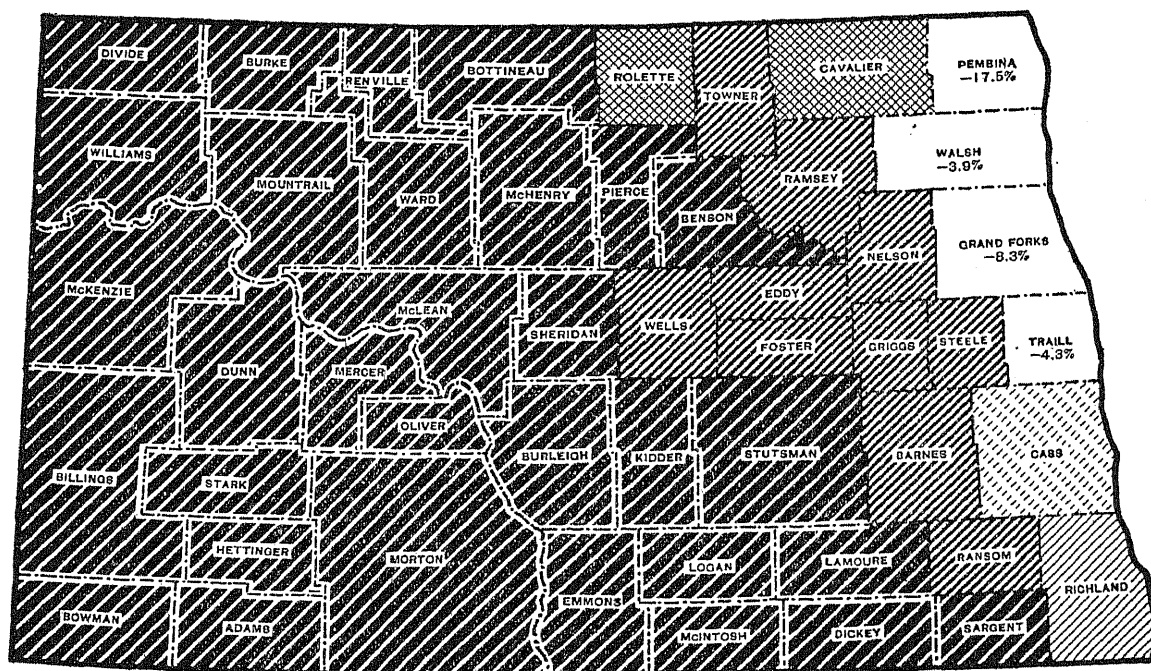
PER CENT OF INCREASE OR DECREASE OF POPULATION OF NORTH DAKOTA, BY COUNTIES: 1900-1910.

In case of decrease the per cent is inserted under the county name.

TOTAL POPULATION.



RURAL POPULATION.



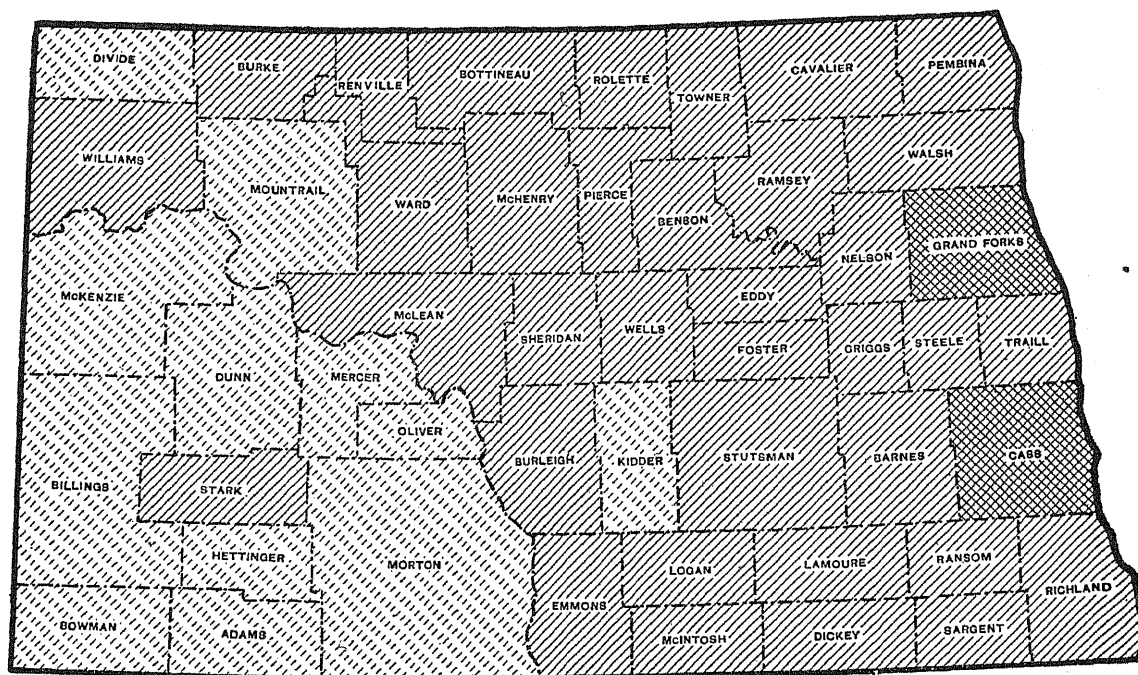
INCREASE



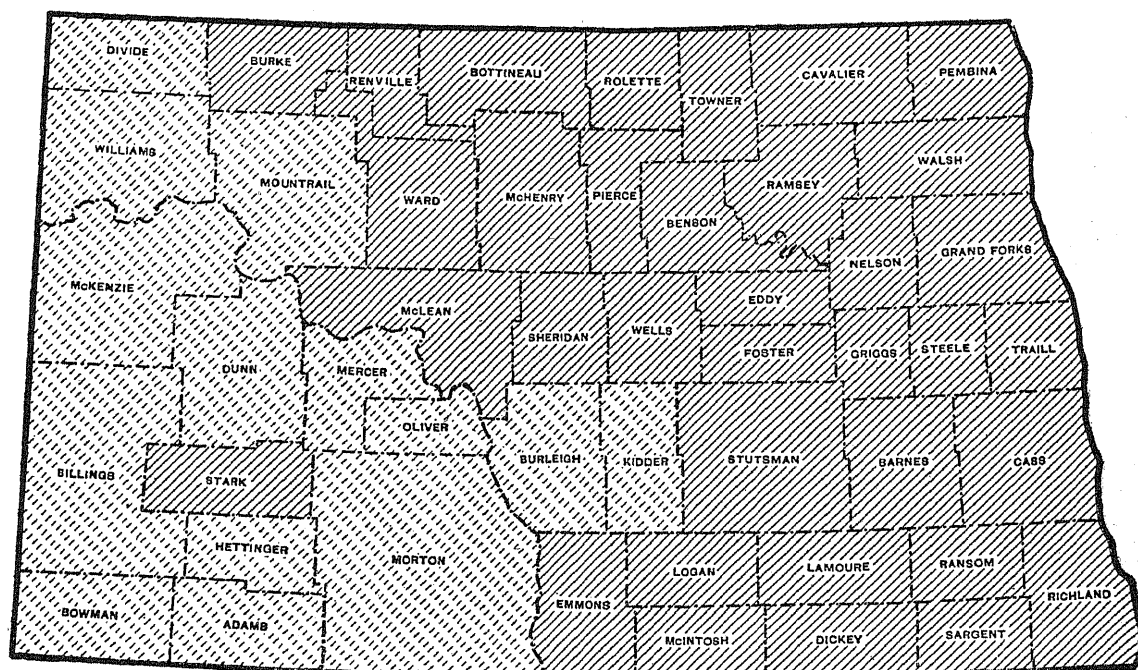
Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

DENSITY OF POPULATION OF NORTH DAKOTA, BY COUNTIES: 1910.

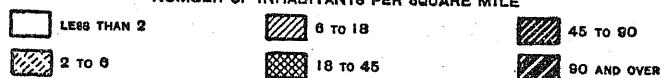
TOTAL POPULATION.



RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE



Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

STATISTICS OF POPULATION.

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TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Adams County¹	5,407	(²)		Barnes County—Continued.			
Bueyrus township ³ (T. 130, R. 97)	315			Svea township	235	128	93
Cedar township ⁴ (Tps. 131 and 132, Rs. 95 and 96)	552	8		Thordenskjold township ¹³	471	534	260
Clermont township ⁴ (T. 129, R. 94)	253			Uxbridge township	236	200	75
Gilstrap township ⁴ (T. 129, R. 93)	261			Valley City	4,006	2,446	1,089
Hettinger village ⁵	766			Ward 1	875		
North Lemmon township ³ (T. 129, R. 92)	269			Ward 2	1,325		
Orange township ³ (T. 129, R. 91)	238			Ward 3	1,310		
Reeder township ⁶ (Tps. 129 and 130, R. 98)	140			Ward 4	1,096		
Reeder village ⁶	198			Weimer township	188	110	37
Scott township ⁴ (T. 129, R. 95)	197			Wimbleton village	571	226	
Wolf Butte township ⁷ (T. 131, R. 97)	100			Township 139, range 58	183	187	146
Township 129, range 96 ⁸	98			Township 140, range 58	172	232	195
Township 129, range 97	115	3		Township 141, range 58	207	204	212
Township 130, range 91	244	15		Township 142, range 58	206	169	121
Township 130, range 92	200						
Township 130, range 93	173			Benson County	12,681	17,820	18,240
Township 130, range 94	220			Albert township	267	240	
Township 130, range 95	88			Arne township ¹⁹ (T. 151, R. 70)	256		
Township 130, range 96	100			Aurora township ²⁰ (T. 152, R. 68)	287		
Township 131, range 91	123	4		Beaver township ²¹ (T. 155, R. 69)	211	171	
Township 131, range 92	184	7		Brinsmade village ²²	203		
Township 131, range 93	117	20		Broe township ²³ (T. 154, R. 70)	236		
Township 131, range 94	106			Butte Valley township ²⁴ (T. 154, R. 69)	242	126	
Township 131, range 98	156			Eldon township ²⁵ (T. 153, R. 68)	284		
Township 132, range 97	100	15		Esmond township ²⁶ (T. 153, R. 71)	249	82	
Township 132, range 98	94			Esmond village ²⁶	353		
Barnes County	18,066	13,159	7,045	Fort Totten township ²⁷ (school) (T. 152, R. 65, and T. 153, R. 65, part of)	704		
Alta township	222	265	132	Free Peoples township ²⁷ (school) (T. 152, R. 63, part of)	62		
Anderson township ⁸ (T. 141, R. 60)	244	155	78	Graham Island township (school)	95	58	
Baldwin township	232	214	71	Hesper township ¹⁰ (T. 152, R. 70)	316		
Binghamton township	666	509	135	Impark township ²³ (T. 154, R. 71)	239		
Briner township ⁸ (T. 141, R. 61)	216	129	56	Iowa township ²⁸ (T. 155, R. 71)	158	50	
Cuba township	233	197	147	Irvine township (T. 156, R. 67)	220	234	
Dazey township ⁹	256	342	157	Isabel township ²⁹ (T. 153, R. 70)	309	155	
Dazey village ⁹	265			Knox township ³⁰ (T. 156, R. 70)	323	421	
Eckelson township ³ (T. 140, R. 61)	327	231	80	Knox village ³⁰	330		
Edna township	369	288	108	Lake Isen township ³¹ (T. 155, R. 68)	214	210	
Ellsbury township ¹⁰ (T. 143, R. 56)	240	194	129	Lallie township ³² (T. 152, R. 66, T. 152, R. 67 (part of), and T. 153, R. 66, part of)	152		
Grand Prairie township ¹¹ (T. 142, R. 57)	183	212	82	Leeds city ³³	682	349	
Green township	277	296	198	Leeds township (T. 156, R. 68)	334	344	
Greenland township	343	173	40	Lone Tree township ³⁴ (school) (T. 151, R. 65)	157		
Hemen township	179	179	98	Maddock village ³⁵	374		
Hobart township	195	239	253	McClellan township ³⁶ (T. 154, R. 68)	216	150	
Lake Town township ¹¹ (T. 143, R. 60)	153	145	67	Minco township ³⁷ (T. 151, R. 62, part of)	128	50	
Litchville village ¹²	484			Minnewaukan village	510	432	
Mansfield township ¹¹ (T. 139, R. 61)	174	186	106	Normania township (T. 155, R. 67)	303	314	
Meadow Lake township ⁹ (T. 138, R. 61)	194	173	98	North Fork township (school) (T. 151, R. 71)	300	235	
Minnie Lake township	231	194	130	North Viking township ³⁸ (T. 152, R. 69)	309		
Nelson township ¹⁰ (T. 138, R. 58)	299	319	214	Oberon township (T. 151, R. 67, and T. 152, R. 67, part of)	470	433	
Noltimer township	254	226	115	Pleasant Lake township ³⁹ (T. 156, R. 71)	350	132	
Nome village ¹³	218			Rich Valley township ⁴⁰ (T. 152, R. 71)	220	133	
Norma township ¹⁴	282	303	278	Riggin township ²² (T. 153, R. 66 (part of), T. 154, R. 66 (part of), and T. 154, R. 67)	232	315	
Oakhill township ¹⁵	572	674	320	Rock township ²³ (T. 151, R. 66)	200		
Oriska township	464	322	201	South Viking township ⁴¹ (T. 151, R. 69)	316		
Pierce township	244	205	126	Twin Lake township ⁴² (T. 155, R. 70)	259	198	
Potter township	217	198	184	Warwick township ⁴³ (T. 151, R. 63)	261		
Raritan township ¹³	446	433	166	West Antelope township ⁴⁴ (T. 151, R. 68)	239		
Rogers township ¹⁶ (T. 142, R. 59)	338	157	85	West Bay township ²⁵ (T. 153, R. 67)	189		
Rosebud township ¹³	282	143	94	Wood Lake township ⁴⁵ (T. 151, R. 64)	202		
Sanborn village	390	259	227	Wood Lake township ²⁷ (school) (T. 152, R. 63 (part of), T. 152, R. 64, and T. 153, R. 64, part of)	72		
Sibley Trail township ³ (T. 143, R. 58)	208	167	67	York township (T. 156, R. 69)	558	305	
Skandia township	263	256	154				
Spring Creek township ¹²	332	255	160				
Springvale township	303	245	133				
Stewart township ⁷ (T. 141, R. 59)	197	200	128				

¹ Organized from part of Stark County in 1907.² Comparison of population for 1900 made by townships wherever possible.³ Organized in 1909.⁴ Organized in 1908.⁵ Hettinger village incorporated from part of T. 129, R. 96, in 1908.⁶ Reeder township organized in 1908; Reeder village incorporated from part of Reeder township in 1909.⁷ Organized in 1910.⁸ Organized in 1903.⁹ Dazey village incorporated from part of Dazey township in 1904.¹⁰ Organized in 1907.¹¹ Organized in 1901.¹² Litchville village incorporated from parts of Rosebud (formerly Lincoln) and Spring Creek townships in 1904.¹³ Nome village incorporated from parts of Raritan and Thordenskjold townships in 1907.¹⁴ Name changed from Norman in 1904.¹⁵ Name changed from Oakville in 1904.¹⁶ Organized in 1904.¹⁷ County total includes population (1,268) of Devils Lake Indian Reservation, opened to settlement in 1904 and taken to form Fort Totten, Free Peoples, Lone Tree (part of), and Wood Lake townships (school), and Lallie, Rock, Warwick, Wood Lake, and part of Minco townships; population (356) of Fairview township (school), taken to form Arne and Hesper townships; population (226) of Medell township (school), taken to form Broe and Impark townships; population (504) of Viking township (school), taken to form North and South Viking townships; population (382) of Minnewaukan township (school), taken to form Eldon and West Bay townships and part of Aurora township; population (415) of West Antelope township (school), taken to form West Antelope township and part of Aurora township; and population (32) of T. 151, R. 65 (part of), taken to form part of Lone Tree township (school), since 1900.¹⁸ No comparison of population can be made; numerous changes made between 1890 and 1900.¹⁹ Hesper and Arne townships organized from Fairview township (school) in 1904 and 1906, respectively.²⁰ Organized from parts of Minnewaukan and West Antelope townships (school) in 1903.²¹ Organized from Beaver township (school) in 1904.²² Brinsmade village incorporated from part of Riggin township in 1904.²³ Broe and Impark townships organized from Medell township (school) in 1902 and 1905, respectively.²⁴ Organized from Hathaway township (school) in 1904.²⁵ West Bay and Eldon townships organized from parts of Minnewaukan township (school) in 1907 and 1908, respectively.²⁶ Esmond township organized from Harmony township (school) in 1904; Esmond village incorporated from part of Esmond township in 1906.²⁷ Returned as a part of Devils Lake Indian Reservation in 1900.²⁸ Organized from Iowa township (school) in 1904.²⁹ Organized from Isabel township (school) in 1904.³⁰ Knox village incorporated from part of Knox township in 1906.³¹ Organized from Lake Isen township (school) in 1906.³² Organized in 1910 from territory returned as part of Devils Lake Indian Reservation in 1900.³³ Incorporated as a city in 1903.³⁴ Returned as T. 151, R. 65 (part of), and part of Devils Lake Indian Reservation in 1900.³⁵ Incorporated from part of North Viking township in 1908.³⁶ Organized from Gallinger township (school) in 1904.³⁷ Organized in 1909 from Minco township (school) and territory returned as part of Devils Lake Indian Reservation in 1900.³⁸ Organized from part of Viking township (school) in 1904; part taken to form Maddock village in 1908.³⁹ Organized from Pleasant Lake township (school) in 1904.⁴⁰ Organized from Pleasant Valley township (school) in 1907.⁴¹ Organized from part of Viking township (school) in 1908.⁴² Organized from Twin Lake township (school) in 1901.⁴³ Organized in 1908 from territory returned as part of Devils Lake Indian Reservation in 1900.⁴⁴ Organized from part of West Antelope township (school) in 1903.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Billings County¹.....	10,186	9,975	9,170	Billings County—Continued.			
Beach township ² (Tps. 139 and 140, Rs. 105 and 106).....	777			Township 143, range 104.....	17		
Beach village ³	1,003			Township 143, range 105.....	37		
Carroll township ⁴ (Tps. 133 and 134, R. 98).....	311			Township 144, range 98.....	41		
Conner township ⁵ (T. 134, R. 100).....	123			Township 144, range 99.....	81		
Dovre township ⁶ (T. 136, R. 99).....	112			Township 144, range 100.....	24		
Fryburg township ⁴ (Tps. 139 and 140, Rs. 100 and 101).....	288			Township 144, range 101.....	14		
Lone Tree township ⁶ (Tps. 137 and 138, Rs. 105 and 106).....	658			Township 144, range 103.....	14		
Marmarth village ⁷	790			Township 144, range 104.....	81		
Mineral Springs township ⁸ (T. 133, R. 100).....	86			Township 144, range 105.....	50		
Moord township ⁴ (Tps. 134 and 135, R. 99).....	271			Bottineau County.....	17,295	10,752	11,283
Peaceful Valley township ⁸ (T. 136, R. 100).....	122			Amity township ¹² (T. 161, R. 75).....	219	240	
Saddle Butte township ⁹ (T. 141, R. 105).....	245			Antler city ¹³	342		
Sand Creek township ⁶ (Tps. 134 and 135, Rs. 101 and 102).....	262			Antler township ¹³ (T. 163, R. 82, and frac. T. 164, R. 82).....	280	14	
White Lake township ⁶ (T. 135, R. 100).....	132			Bentline township ¹⁴ (T. 162, R. 81).....	197	113	
Woodberry township ⁸ (T. 133, R. 99).....	189			Blaine township ¹⁵ (T. 160, R. 83).....	245		
Township 133, range 101.....	198			Bottineau city.....	1,331	888	145
Township 133, range 102.....	50			Ward 1.....	323		
Township 133, range 103.....	57			Ward 2.....	393		
Township 133, range 104.....	39			Ward 3.....	615		
Township 133, range 105.....	13			Bottineau township (school) (part of) (T. 162, R. 75).....	266	313	
Township 134, range 103.....	81			Bottineau township (school) (part of) ⁹ (T. 162, R. 76).....	317	295	
Township 134, range 104.....	103			Vingetown township (school).....			
Township 134, range 105.....	10			Brander township ¹⁶ (T. 161, R. 80).....	318	111	
Township 134, range 106.....	29			Cecil township ¹⁶ (T. 160, R. 74).....	321	253	
Township 135, range 98.....	141			Chatfield township ¹⁵ (T. 159, R. 81).....	220		
Township 135, range 103.....	37			Cut Bank township ¹⁷ (T. 161, R. 83).....	282		
Township 135, range 104.....	24			Eckman village ¹⁸	84		
Township 135, range 105.....				Eidsvold township ¹⁹ (T. 162, R. 78 and R. 79, part of).....	527	306	
Township 135, range 106.....				Eidsvold township (school) (T. 163, R. 76, and frac. T. 164, R. 76).....	377	324	
Township 136, range 104.....	254			Elms township ¹⁷ (T. 159, R. 82).....	242		
Township 136, range 105.....				Elysian township ²⁰ (T. 160, R. 77).....	284		
Township 136, range 106.....				Gardena village ²¹	119		
Township 136, range 98.....	196			Haram township ²² (T. 163, R. 77, part of, and frac. T. 164, R. 77).....	424	254	
Township 136, range 101.....	14			Hastings township ²³ (T. 161, R. 81).....	257	50	
Township 136, range 102.....	32			Hoffman township ¹⁷ (T. 162, R. 83).....	194	9	
Township 136, range 103.....	58			Kane township ¹⁴ (T. 161, Rs. 78 and 79, parts of).....	220		
Township 137, range 100.....	82			Kramer village ²⁴	181		
Township 137, range 101.....	1			Lansford city ²⁵	456		
Township 137, range 102.....	30			Lansford township ²⁵ (T. 159, R. 83).....	269		
Township 137, range 103.....	25			Lewis township ²⁶ (T. 160, R. 81).....	232	14	
Township 137, range 104.....	150			Loon Lake township (school) (T. 163, R. 74, and frac. T. 164, R. 74).....	295	248	
Township 138, range 100.....	97			Lordsburg township ²⁷ (T. 161, R. 74).....	211	436	
Township 138, range 101.....	9			Maxbass village ²⁸	240		
Township 138, range 102.....	56			Mount Rose township ¹⁷ (T. 160, R. 82).....	269		
Township 138, range 103.....	38			Newborg township ²⁸ (T. 160, R. 80).....	264	65	
Township 138, range 104.....	134			Newborg village ²⁹	102		
Township 139, range 102.....	25			Oak Creek township ²¹ (T. 160, R. 76).....	282	138	
Township 139, range 104.....	112			Oak Valley township ³⁰ (T. 161, R. 76).....	188	260	
Township 140, range 102.....	136			Omamee village ³¹	332		
Township 140, range 103.....	8			Ostby township ³² (T. 159, R. 75).....	255	196	
Township 140, range 104.....	335			Overly village ¹⁶	182		
Township 141, range 98.....	198			Peabody township ³³ (T. 162, R. 77).....	218		
Township 141, range 99.....	265			Renville township ¹⁷ (T. 161, R. 82).....	265	75	
Township 141, range 100.....	23			Richburg township ³⁴ (T. 163, R. 80, and frac. T. 164, R. 80; T. 163, R. 79, part of, and frac. T. 164, R. 79, part of).....	325		
Township 141, range 101.....	35			Roland township ³⁵ (T. 163, R. 75, and frac. T. 164, R. 75).....	347	401	
Township 141, range 102.....	7			Russell village ²⁹	161		
Township 141, range 103.....	114			Scandia township ¹⁴ (T. 163, R. 78, and frac. T. 164, R. 78).....	381	90	
Township 141, range 104.....	186			Scotia township ³⁶ (T. 163, R. 79, part of, and frac. T. 164, R. 79, part of).....	365		
Township 142, range 98.....	242			Sergius township ¹⁴ (T. 162, R. 79, part of, and T. 162, R. 80).....	311	100	
Township 142, range 99.....	141			Sherman township ³⁷ (T. 162, R. 82).....	266	9	
Township 142, range 100.....	87			Souris city ²²	267		
Township 142, range 102.....	21						
Township 142, range 103.....	38						
Township 142, range 104.....	143						
Township 142, range 105.....	103						
Township 143, range 98.....	78						
Township 143, range 99.....	121						
Township 143, range 100.....	37						
Township 143, range 101.....	27						
Township 143, range 102.....	11						
Township 143, range 103.....	7						

¹ Parts taken to form Bowman County in 1907 and part of McKenzie County in 1905.
² No comparison of population can be made; not returned by townships in 1900 and 1890.

³ Beach township organized and Beach village incorporated from parts of Beach township (school) in 1907.

⁴ Organized in 1903.

⁵ Organized in 1909.

⁶ Organized in 1907.

⁷ Organized in 1910.

⁸ Marmarth village incorporated from parts of T. 133, Rs. 105 and 106, in 1908.

⁹ Organized in 1910.

¹⁰ Not returned separately.

¹¹ County total includes population (228) of T. 161, Rs. 78 and 79, taken to form Kane and Starbuck townships; population (278) of Daybreak township (school), including T. 163, R. 79 (part of), and fractional T. 164, R. 79, taken to form Richburg and Scotia townships; population (378) of Mouse River township (school), taken to form Elysian, Stone Creek, and Tacoma townships; population (377) of Peabody township (school), taken to form Whitby and Peabody townships, since 1900; and population (40) of T. 160, R. 79, now in Stone Creek and Tacoma townships.

¹² No comparison of population can be made; numerous changes made between 1890 and 1900.

¹³ Organized from Amity township (school) in 1910.

¹⁴ Antler township organized in 1905; Antler city incorporated from part of Antler township in 1906.

¹⁵ Organized in 1905.

¹⁶ Organized in 1904.

¹⁷ Overly village incorporated from part of Lincoln township (school) in 1905; Cecil township organized from Lincoln township (school) in 1910.

¹⁸ Organized in 1903.

¹⁹ Incorporated from parts of Lewis and Newborg townships in 1906.

²⁰ Organized from Dewey township (school) in 1904.

²¹ Organized from part of Mouse River township (school) in 1910.

²² Gardena village incorporated from part of Oak Creek township (school) in 1908; Oak Creek township organized from Oak Creek township (school) in 1910.

²³ Souris city incorporated from part of Mountain View township (school) in 1902; Haram township organized from Mountain View township (school) in 1910.

²⁴ Hastings township organized in 1908; Maxbass village incorporated from part of Hastings township in 1906.

²⁵ Incorporated from part of Stone Creek township in 1908.

²⁶ Lansford township organized in 1903; Lansford city incorporated from part of Lansford township in 1904.

²⁷ Organized in 1903; part taken to form part of Eckman village in 1906.

²⁸ Organized from Fidelity township (school) in 1910. Fidelity and Toupin townships (school) returned as Fidelity township (school) in 1900.

²⁹ Organized in 1904; part taken to form part of Eckman village in 1906.

³⁰ Incorporated from part of Tacoma township in 1905.

³¹ Organized from New Oak township (school) in 1910.

³² Incorporated from part of Willow Vale township (school) in 1902.

³³ Incorporated from Willow township (school) in 1910.

³⁴ Organized from part of Peabody township (school) in 1910.

³⁵ Organized from part of Daybreak township (school) in 1904; part taken to form Westhope city in 1904.

³⁶ Organized from Hilton township (school) in 1901.

³⁷ Organized from part of Daybreak township (school) in 1905.

³⁸ Organized in 1906.

STATISTICS OF POPULATION.

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TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Bottineau County—Continued.				Burke County—Continued.			
Starbuck township ¹ (T. 161, Rs. 78 and 79, parts of).....	366			Garnes township (school) (T. 159, R. 92).....	220		
Stone Creek township ² (T. 160, Rs. 78 and 79, parts of).....	266			Harmonious township (school) (T. 161, R. 94).....	180		
Tacoma township ³ (T. 160, Rs. 78 and 79, parts of).....	356			Kandiyohi township (school) (T. 159, R. 90).....	165	1	
Toupin township ⁴ (school) (T. 162, R. 74).....	264			Keller township (school) (T. 162, R. 94).....	235		
Wayne township ⁵ (T. 163, R. 81, and frac. T. 164, R. 81).....	257	117		Lake View township (school) (T. 162, R. 83 (part of), T. 163, Rs. 88 and 89 (parts of), and frac. T. 164, R. 88 and part of R. 89).....	379	(²²)	
Wellington township ⁶ (T. 159, R. 74).....	255	43		Leaf Mountain township (school) (T. 161, R. 93).....	193		
Westhope city ⁷	592			Minnesota township (school) (T. 162, R. 88 (part of) and R. 89).....	364	(²³)	
Ward 1.....	212			North Star township (school) (T. 163, R. 89 (part of), and frac. T. 164, R. 89, part of).....	216	(²⁴)	
Ward 2.....	189			Portal township ²⁵ (school) (T. 163, R. 92, and frac. T. 164, R. 92).....	298	154	
Ward 3.....	191			Portal village ²⁶	491		
Wheaton township ⁷ (T. 163, R. 83, and frac. T. 164, R. 83).....	188			Richland township ²⁰ (school) (T. 163, R. 90, and frac. T. 164, R. 90).....	338	181	
Whitby township ⁸ (T. 161, R. 77).....	180			Roseland township (school) (T. 160, R. 90).....	277	92	
Willow City ⁹	623	476		Short Creek township ²⁴ (school) (T. 163, R. 93, and frac. T. 164, R. 93).....	247	19	
Ward 1.....	169			Soo township (school) (T. 163, R. 91, and frac. T. 164, R. 91).....	304	86	
Ward 2.....	206			Vale township (school) (T. 162, R. 92).....	325	24	
Ward 3.....	248			Ward township (school) (T. 161, R. 90).....	408	195	
Willow Vale township ¹⁰ (T. 160, R. 75).....	218	393		Township 159, range 91.....	151		
				Township 159, range 94.....	181	2	
				Township 160, range 92.....	146		
				Township 160, range 94.....	188		
Bowman County¹¹.....	4,668		12 6				
Bowman village ¹²	481			Burling County	13,087	24 6,081	25 4,247
Fischbein township ¹³ (T. 131, R. 99).....	183			Andrews township (school) (T. 143, R. 77).....	164	6	
Gascoyne township ¹⁴ (T. 130, R. 99).....	292			Apple Creek township (T. 138, R. 79).....	115	100	
Scranton township ¹⁵ (T. 131, R. 100).....	184			Bismarck city.....	5,443	3,319	2,186
Scranton village ¹⁶	214			Ward 1.....	1,031		
Township 129, range 99.....	251			Ward 2.....	1,018		
Township 129, range 100.....	213			Ward 3.....	760		
Township 129, range 101.....	169			Ward 4.....	1,138		
Township 129, range 102.....	66			Ward 5.....	765		
Township 129, range 103.....	77			Ward 6.....	731		
Township 129, range 104.....	128			Boyd township (T. 138, R. 78).....	57	64	
Township 129, range 105.....	10			Burnt Creek township (school) (T. 140, R. 80).....	119	83	
Township 129, range 106.....	38			Christiania township ¹⁴ (T. 140, R. 76).....	138	5	
Township 130, range 100.....	279			Clear Lake township ²⁸ (T. 140, R. 75).....	126	7	
Township 130, range 101.....	179			Croft township ²⁷ (T. 141, R. 79).....	198	83	
Township 130, range 102.....	124			Cromwell township ²⁸ (T. 141, R. 78).....	121	18	
Township 130, range 103.....	51			Driscoll township ²⁹ (T. 139, R. 75).....	372		
Township 130, range 104.....	122			Ecklund township (T. 142, R. 70, and E. ½, T. 142, R. 80).....	483	349	
Township 130, range 105.....	73			Estherville township ³⁰ (T. 143, R. 78).....	172		
Township 130, range 106.....	93			Florence Lake township (school) (T. 144, R. 76).....	129	11	
Township 131, range 101.....	100			Fort Rice township (school) (T. 137, R. 80).....	72	88	
Township 131, range 102 ¹³	65			Frances township (school) (T. 140, R. 78).....	104	60	
Township 131, range 103.....	93			Ghylin township ³¹ (T. 142, R. 78).....	218		
Township 131, range 104.....	141			Gibbs township (school) (T. 139, R. 79).....	110	73	
Township 131, range 105.....	86			Glenview township (T. 141, R. 80, and T. 141, R. 81, part of).....	135	125	
Township 131, range 106.....	89			Grass Lake township ³² (T. 143, R. 79).....	214	140	
Fractional township 131, range 107.....	11			Harriett township (school) (T. 142, R. 75).....	179	5	
Township 132, range 99.....	96			Hawkeye township (school) (T. 144, R. 79).....	246	25	
Township 132, range 100.....	118			Hay Creek township (school) (T. 139, R. 80).....	86	103	
Township 132, range 101.....	92			Hazel Grove township ¹ (T. 144, R. 75).....	153	3	
Township 132, range 102.....	113			Highland township ¹⁵ (T. 142, R. 77).....	158	4	
Township 132, range 103.....	113			Lein township ¹⁶ (T. 141, R. 75).....	150		
Township 132, range 104.....	262			Lincoln township (school) (T. 138, R. 80).....	640	208	
Township 132, range 105.....	37			Logan township ³³ (T. 138, R. 77).....	92	82	
Township 132, range 106.....	1			Long Lake township ³⁴ (T. 137, R. 76).....	125		
Fractional township 132, range 107.....	24			Lyman township ¹⁶ (T. 141, R. 76).....	165		
				McKenzie township ³⁵ (T. 139, R. 77).....	191	87	
Burke County¹⁷.....	9,064	(18)		Menoken township (T. 139, R. 78).....	183	128	
Bowbells city ¹⁹	651			Missouri township ³⁶ (T. 137, R. 79).....	100	103	
Bowbells township ¹⁹ (school) (T. 161, R. 89).....	298	450		Morton township ³⁷ (T. 137, R. 77).....	102	38	
Carter township ²⁰ (school) (T. 162, R. 90).....	284	258		Naughton township (school) (T. 140, R. 79).....	117	108	
Clayton township (school) (T. 161, R. 91).....	234	24		Painted Woods township (T. 142, R. 81 (part of), and W. ½, T. 142, R. 80).....	160	154	
Cleary township (school) (T. 160, R. 93).....	163			Phoenix township (school) (T. 143, R. 75).....	157	9	
Columbus village ²¹	225			Pleasant View township (school) (T. 144, R. 78).....	119	5	
Colville township (school) (T. 159, R. 93).....	332	5		Richmond township (school) (T. 143, R. 76).....	168	3	
Dale township (school) (T. 162, R. 91).....	316	94					
Diamond township (school) (T. 160, R. 91).....	143						
Fay township (school) (T. 162, R. 93).....	271						
Flaxton village ²²	301						
Foot hills township (school) (T. 161, R. 92).....	228	5					
Forthune township (school) (T. 163, R. 94, and frac. T. 164, R. 94).....	312						

1 Organized in 1904.
2 Organized from part of Mouse River township (school) in 1904; part taken to form Kramer village in 1908.
3 Organized from part of Mouse River township (school) in 1902; parts taken to form Newborg and Russell villages in 1908.
4 Returned as part of Lordsburg township (formerly Fidelity township, school) in 1900.

5 Organized from Pleasant Valley township (school) in 1906.
6 Incorporated from part of Richburg township in 1904.
7 Organized in 1903.
8 Organized from part of Peabody township (school) in 1907.
9 Returned as in Ostby township (formerly Willow township, school) in 1900.
10 Organized from Willow Vale township (school) in 1910.
11 Organized from part of Billings County in 1907. Old Bowman County annexed to Billings in 1897.
12 Population of old Bowman County.
13 Bowman village incorporated from part of T. 131, R. 102, in 1908.
14 Organized in 1909.
15 Organized in 1910.
16 Incorporated from part of T. 131, R. 100, in 1908.
17 Organized from part of Ward County in 1910.
18 Comparison of population for 1900 made by townships wherever possible.
19 Bowbells village incorporated from part of Bowbells township (school) in 1903; incorporated as a city in 1906.
20 Flaxton village incorporated from parts of Carter and Richland townships (school) in 1904.

21 Columbus village incorporated from part of Short Creek township (school) in 1908.

22 Lake View, Minnesota, and North Star townships (school) (population 459) not returned separately in 1900.

23 Portal village incorporated from part of Portal township (school) in 1905.

24 County total includes population (62) of Long Lake township (school), taken to form Long Lake and Wild Rose townships; and population (142) of Driscoll and Ghylin townships (school) and T. 138, R. 75 (part of), taken to form Driscoll, Estherville, Ghylin, and Thelma townships since 1900.

25 No comparison of population can be made; numerous changes made between 1890 and 1900.

26 Organized in 1907.

27 Organized from Croft township (school) in 1905.

28 Organized in 1908.

29 Organized from Driscoll township (school) in 1904; part taken to form part of Thelma township in 1908.

30 Organized in 1907 from T. 143, R. 78, the south half of which was returned as part of Ghylin township (school) in 1900.

31 Organized from Ghylin township (school) in 1908; part taken to form part of Estherville township in 1907.

32 Organized from Grass Lake township (school) in 1904.

33 Returned as Logan township (school) in 1900.

34 Organized from part of Long Lake township (school) in 1908.

35 Organized from McKenzie township (school) in 1910.

36 Organized from Manning township (school) in 1907.

37 Organized from Morton township (school) in 1908.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Burleigh County—Continued.				Cavaler County	15,659	12,580	14,647
Riverview township (school) (Tps. 139 and 140, R. 81, part of)	72	30		Alma township ¹⁵	266	526	
Schrunk township (school) (T. 144, R. 77)	120	10		Banner township ¹⁶	316	214	
Sibley Butte township ¹ (T. 140, R. 77)	140	50		Billings township ¹⁷ (T. 159, R. 61)	188	318	
Sterling township ² (T. 139, R. 76)	198	41		Bruce township ¹⁸ (T. 161, R. 64)	277	111	
Taft township ³ (T. 138, R. 76)	109	61		Byron township ¹⁹ (T. 163, R. 63, and frac. T. 164, R. 63)	275		
Telfer township (T. 137, R. 78)	72	89		Cypress township ²⁰ (T. 163, R. 64, and frac. T. 164, R. 64)	173	532	
Thelma township ⁴ (T. 138, R. 75)	151			Dresden township	572	179	
Trygg township (school) (T. 141, R. 77)	145			Easy township	351	292	
Wild Rose township ⁵ (T. 137, R. 75)	148			East Alma township	329	459	
Wing township ⁶ (T. 142, R. 76)	151			Elgin township ²¹ (T. 161, R. 60)	331		
Cass County	33,935	28,625	19,613	Fremont township	541	572	
Addison township	355	359	272	Glenla township (T. 162, R. 64)	358	132	
Amenia township	443	381	280	Gordon township	317	187	
Arthur township	380	269	129	Grey township	203	178	
Ayr township	341	281	120	Harvey township ²² (T. 162, R. 59)	234	463	
Barnes township (T. 139, R. 48 (part of), and T. 139, R. 49)	322	410	294	Hay township ²³ (T. 161, R. 58)	299		
Bell township	216	271	183	Henderson township	624	221	
Berlin township	237	320	263	Hope township ²⁴ (T. 163, R. 58, and frac. T. 164, R. 58, part of)	386	703	
Buffalo township	198	180	137	Huron township ²⁵ (T. 161, R. 63)	248	79	
Buffalo village	241	213	177	Langdon city	1,214	1,188	291
Casselton city	1,553	1,207	840	Ward 1	616		
Ward 1	339			Ward 2	453		
Ward 2	100			Ward 3	165		
Ward 3	614			Langdon township ²⁶ (T. 162, R. 60)	252	478	
Casselton township	241	227	162	Linden township ²⁷ (T. 163, R. 62, and frac. T. 164, R. 62)	629	711	
Clifton township	261	270	99	Loam township ²⁸ (T. 162, R. 58)	301	698	
Cornell township	254	138	82	Loma township ²⁹ (T. 160, R. 61)	308		
Davenport township	376	426	437	Manilla township ³⁰ (T. 161, R. 59)	240		
Davenport village	226	245		Milton village	410	384	202
Dows township	172	163	79	Minto township ³¹ (T. 162, R. 62)	209		
Durbin township	233	213	195	Montrose township ³² (T. 159, R. 57)	465	762	
Eldred township	401	248	182	Moscow township	269	346	
Empire township	274	249	202	Mount Carmel township	500	389	
Erie township	365	261	174	Nekoma township ³³ (T. 159, R. 60)	234		
Everest township	215	234	316	Nekoma village ³⁴	120		
Fargo city	14,331	9,589	5,664	Olga township	863	977	
Ward 1	1,194			Osford township ³⁵ (T. 159, R. 58)	245		
Ward 2	1,010			Osnabrock township	266	304	
Ward 3	1,361			Osnabrock village ³⁶	253		
Ward 4	5,647			Perry township ³⁷ (T. 160, R. 60)	206	317	
Ward 5	5,871			Sarles village ³⁸ (part of)	322		
Ward 6	1,858			Total for Sarles village in Cavalier and Towner Counties	546		
Ward 7	1,960			Seivert township ³⁹ (T. 159, R. 64)	309	113	
Fargo township	294	236	102	South Dresden township	397	297	
Gardner township	354	435	291	Storlie township ⁴⁰	362	98	
Gill township	202	206	224	Trier township	361	138	
Gunkel township	298	293	250	Waterloo township ⁴¹	228	214	
Harmony township	218	161	144	West Hope township ⁴² (T. 163, R. 59, and frac. T. 164, R. 59)	348		
Harwood township	387	482	359	Dickey County	9,839	6,061	5,573
Highland township	267	261	299	Ada township	239	232	288
Hill township	247	217	210	Albertha township ⁴³ (T. 129, R. 66)	143		
Howes township	225	190	157	Albion township	190	127	144
Hunter township ⁴⁴	267	923	916	Bear Creek township	222	150	195
Hunter village ⁴⁵	365	407	194	Clement township ⁴⁶	351	303	291
Kinyon township	342	475	310	Elden township	181	144	132
Lake township	178	188	89	Ellendale city	1,389	750	761
Leonard township	437	354	223	Ward 1	520		
Maple River township	334	370	338	Ward 2	497		
Mapleton township	260	226	191	Ward 3	672		
Mapleton village	207	322	119	Ellendale township	152	128	166
Noble township	263	300	227	Elm township	97	55	171
Normanna township ⁴⁷	894	869	734	Forbes village ⁴⁸	221		
Page township ⁴⁸	194	503	205	Fullerton village ⁴⁹	206		
Page village ⁴⁹	479			Grand Valley township ⁵⁰ (T. 130, R. 65)	143		
Pleasant township	592	657	638	Hudson township	174	150	194
Pontiac township	317	313	211	James River Valley township	443	308	338
Raymond township	290	275	283	Kent township	152	93	107
Reed township	364	391	337	Kentner township	201	128	113
Rich township	204	184	130	Keystone township ⁵¹	193	283	218
Rochester township	237	194	84	Lorraine township ⁵² (T. 129, R. 65)	145		
Rush River township	239	259	223	Lovell township ⁵³	168	261	481
Stanley township	745	876	704	Ludden village ⁵⁴	109		
Tower township ⁵⁵	198	153	149	Merricourt township ⁵⁵	518	422	139
Tower City village ⁵⁶	452	468	309	Merricourt village ⁵⁶	78		
Walburg township	502	461	355	Monango village ⁵⁷	238		
Warren township	442	407	296				
Watson township	298	229	168				
Wheatland township	473	518	386				
Wiser township	233	300	225				

¹ Organized in 1907.² Organized from Ballville township (school) in 1909.³ Organized from White township (school) in 1908.⁴ Organized in 1908 from T. 138, R. 75, the north half of which was returned as part of Driscoll township (school) in 1900.⁵ Organized from part of Long Lake township (school) in 1910.⁶ Organized in 1910.⁷ Name changed from Webster in 1904.⁸ Hunter village returned with Hunter township in 1900.⁹ Exclusive of population of Hunter village.¹⁰ Name changed from Norman in 1904.¹¹ Page village incorporated from part of Page township in 1903.¹² Tower City village returned with Tower township in 1900.¹³ Exclusive of population of Tower City village.¹⁴ No comparison of population can be made; numerous changes made between 1890 and 1900.¹⁵ Osnabrock village incorporated from part of Alma township in 1903.¹⁶ Name changed from Weber in 1904.¹⁷ Part taken to form Nekoma township in 1906.¹⁸ Organized in 1902.¹⁹ Byron township organized and Sarles village incorporated from parts of Cypress township in 1906.²⁰ Elgin township organized from part of Langdon township in 1900.²¹ Harvey and Manilla townships returned as Harvey township in 1900.²² Hay township organized from part of Loam township in 1905.²³ West Hope township organized from part of Hope township in 1909.²⁴ Organized in 1900.²⁵ Minto township organized from part of Linden township in 1902.²⁶ Loma township organized from part of Perry township in 1907.²⁷ Osford township organized from part of Montrose township in 1906.²⁸ Organized from part of Billings township in 1906; part taken to form Nekoma village in 1906.²⁹ Incorporated from part of Nekoma township in 1906.³⁰ Returned as T. 159, R. 62, in 1900.³¹ Name changed from Berlin in 1904.³² Organized from part of Spring Valley township in 1909.³³ Name changed from Norway in 1904.³⁴ Incorporated from part of Spring Valley township in 1906.³⁵ Incorporated from part of Porter township in 1908.³⁶ Monango village incorporated from part of Keystone township in 1909.³⁷ Ludden village incorporated from part of Lovell township in 1908.³⁸ Merricourt village incorporated from part of Merricourt township in 1909.

STATISTICS OF POPULATION.

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TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Dickey County—Continued.				Dunn County—Continued.			
Oakes city.....	1,499	668	379	Township 141, range 94.....	130	5	.....
Ward 1.....	620			Township 141, range 95.....	180	61	.....
Ward 2.....	385			Township 141, range 96.....	294	239	.....
Ward 3.....	494			Township 141, range 97.....	233	134	.....
Port Emma township.....	155	115	131	Township 142, range 91.....	87	27	.....
Porter township ¹	378	254	229	Township 142, range 92.....	178	33	.....
Riverdale township.....	195	90	.....	Township 142, range 93.....	180	35	.....
Spring Valley township ² (T. 130, R. 66).....	273	452	297	Township 142, range 94.....	126	.....	.....
Valley township.....	200	79	74	Township 142, range 95.....	85	32	.....
Van Meter township.....	152	120	149	Township 142, range 96.....	71	25	.....
Whitestone township.....	632	436	243	Township 142, range 97.....	161	91	.....
Wright township.....	202	140	96	Township 143, range 91.....	183	18	.....
Yorktown township.....	200	173	237	Township 143, range 92.....	97	10	.....
Divide County³.....				Township 143, range 93.....	85	21	.....
	6,015			Township 143, range 94.....	160	10	.....
Ambrose township ⁴ (T. 163, R. 99, and frac. T. 164, R. 99).....	56			Township 143, range 95.....	134	55	.....
Ambrose village ⁴	320			Township 143, range 96.....	66	28	.....
Blooming Prairie township ⁵ (T. 163, R. 98, and frac. T. 164, R. 98).....	170			Township 143, range 97.....	52	.....	.....
Blooming Valley township ⁶ (T. 162, R. 96).....	178			Township 144, range 91.....	123	21	.....
Border township ⁷ (T. 161, R. 95).....	183			Township 144, range 92.....	139	14	.....
Burg township ⁷ (T. 161, R. 99).....	197			Township 144, range 93.....	80	8	.....
Coalfield township ⁸ (T. 162, R. 95).....	208			Township 144, range 94.....	128	17	.....
Crosby village ⁹	206			Township 144, range 95.....	234	.....	.....
Daneville township ⁷ (T. 161, R. 102, and frac. T. 161, R. 103).....	135			Township 144, range 96.....	50	.....	.....
Fillmore township ⁹ (T. 163, R. 97, and frac. T. 164, R. 97).....	190			Township 144, range 97.....	75	33	.....
Frazier township ⁶ (T. 161, R. 97).....	175			Township 145, range 91.....	127	17	.....
Goose Neck township ⁸ (T. 163, R. 100, and frac. T. 164, R. 100).....	212			Township 145, range 92.....	122	.....	.....
Hawkeye township ¹⁰ (T. 162, R. 97).....	237			Township 145, range 93.....	90	.....	.....
Hayland township ⁶ (T. 160, R. 95).....	212			Township 145, range 94.....	62	.....	.....
Kermit village ¹¹	108			Township 145, range 95.....	164	12	.....
Long Creek township ¹⁰ (T. 163, R. 96, and frac. T. 164, R. 96).....	174			Township 145, range 96.....	75	8	.....
Mentor township ¹¹ (T. 163, R. 95, and frac. T. 164, R. 95).....	175			Township 145, range 97.....	89	5	.....
Noonan village ⁸	153			Township 146, range 91 (part of).....	71	10	.....
Palmer township ⁸ (T. 160, R. 97).....	200			Township 146, range 92 (part of).....	58	12	.....
Plummer township ⁶ (T. 161, R. 98).....	155			Township 146, range 93.....	70	3	.....
Sioux Trail township ⁷ (T. 160, R. 101).....	159			Township 146, range 94.....	102	15	.....
Stone View township ⁷ (T. 160, R. 95).....	143			Township 146, range 95.....	83	10	.....
Troy township ⁸ (T. 162, R. 98).....	207			Township 146, range 96.....	88	36	.....
Twin Butte township ⁶ (T. 162, R. 99).....	205			Township 146, range 97.....	46	.....	.....
Upland township ⁷ (T. 161, R. 96).....	227			Township 147, range 93 (part of).....	(15)	1	.....
Township 160, range 98.....	50			Township 147, range 95.....	6	.....	.....
Township 160, range 99.....	124			Township 147, range 96.....	4	.....	.....
Township 160, range 100.....	94			Township 147, range 97.....	26	.....	.....
Township 160, range 102.....	149			Township 148, range 96.....	5	15	.....
Township 160, range 103.....	115			Township 148, range 97.....	5	.....	.....
Township 161, range 100.....	103			Fort Berthold Indian Reservation ¹² (part of).....	246	.....	.....
Township 161, range 101.....	78			Total for Fort Berthold Indian Reservation in Dunn, McKenzie, McLean, Mercer, and Mountrail Counties.....	1,135	1,038	.....
Township 162, range 100.....	100			Eddy County.....			
Township 162, range 101.....	154				4,800	3,330	1,377
Township 162, range 102.....	100			Cherry Lake township ¹³ (school) (T. 148, R. 63).....	140	170	.....
Fractional township 162, range 103.....	88			Columbia township (school) (T. 148, R. 64).....	113	84	.....
Township 163, range 101.....	114			Colvin township ²⁰ (T. 149, R. 62).....	221	.....	.....
Township 163, range 102.....	69			Eddy township ²¹ (T. 150, R. 63).....	157	.....	.....
Fractional township 163, range 103.....	42			Freeborn township ²² (T. 150, R. 62).....	270	.....	.....
Fractional township 164, range 101.....	15			Gates township ²³ (T. 150, R. 66).....	604	374	.....
Fractional township 164, range 102.....	15			Grandfield township ²⁴ (T. 150, R. 67).....	276	241	.....
Fractional township 164, range 103.....	20			Hillsdale township ²⁵ (T. 150, R. 64).....	185	.....	.....
Dunn County¹⁴.....				Munster township ²⁶ (T. 149, R. 67).....	230	186	.....
	5,302	(15)	14 159	New Rockford township ²⁷ (T. 149, R. 66).....	1,153	788	.....
Township 141, range 91 (part of).....	123			Paradise township ²⁸ (T. 148, R. 62).....	159	.....	.....
Township 141, range 92 (part of).....	138			Pleasant Prairie township ²⁹ (T. 148, R. 65).....	194	140	.....
Township 141, range 93 (part of).....	181			Rocky Mountain township (school) (T. 150, R. 65).....	211	196	.....
				Rosefield township ³⁰ (T. 148, R. 67).....	207	191	.....
				Smith township (school) (T. 149, R. 65).....	89	127	.....
				Superior township ³¹ (T. 148, R. 66).....	221	238	.....
				Tiffany township ²⁵ (school) (T. 149, R. 64).....	148	203	.....
				Washington township ²¹ (school) (T. 149, R. 63).....	222	180	.....

¹ Part taken to form Fullerton village in 1908.² Parts taken to form Forbes village in 1906 and Albertha, Grand Valley, and Lorraine townships in 1909.³ Organized from part of Williams County in 1910.⁴ Ambrose township organized in 1907; Ambrose village incorporated from part of Ambrose township in 1908.⁵ Organized in 1908.⁶ Organized in 1909.⁷ Organized in 1910.⁸ Coalfield township organized in 1908; Noonan village incorporated from part of Coalfield township in 1909.⁹ Fillmore township organized in 1906; Crosby village incorporated from part of Fillmore township in 1907.¹⁰ Organized in 1907.¹¹ Mentor township organized in 1904; Kermit village incorporated from part of Mentor township in 1908.¹² Organized from parts of Mercer and Stark Counties in 1908. Old Dunn County annexed to Stark County in 1897.¹³ Comparisons of population for 1900 made by townships wherever possible.¹⁴ Population of old Dunn County.¹⁵ No population reported.¹⁶ That part of Fort Berthold Indian Reservation in Dunn County returned with Mercer County in 1900.¹⁷ County total includes population (212) of Anderson township (school) taken to form Colvin and Freeborn townships since 1900.¹⁸ No comparison of population can be made; not returned by civil townships in 1890.¹⁹ Name changed from Greb since 1900. Part taken to form Paradise township in 1905.²⁰ Organized from part of Anderson township (school) in 1908.²¹ Eddy township organized from part of Washington township (school) in 1908.²² Organized from part of Anderson township (school) in 1909.²³ Organized from Sheyenne township (school) in 1906.²⁴ Organized from Greenfield township (school) in 1906.²⁵ Hillsdale township organized from part of Tiffany township (school) in 1909.²⁶ Organized from Munster township (school) in 1908.²⁷ Organized from New Rockford township (school) in 1906.²⁸ Organized from part of Cherry Lake township (school) in 1905.²⁹ Organized from Plainview township (school) in 1908.³⁰ Organized from Guler township (school) in 1906.³¹ Organized from Superior township (school) in 1906.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Emmons County	9,796	4,349	1,971	Grand Forks County—Continued.			
Bakker township (school).....	586	421	.....	Grand Forks city—Continued.			
Buchanan township (school).....	130	30	.....	Ward 4.....	1,668	.....	.....
Burr Oak township (school).....	509	156	.....	Ward 5.....	2,235	.....	.....
Cherry Grove township (school).....	534	214	.....	Ward 6.....	2,562	.....	.....
Dakem township ² (school).....	184	254	.....	Ward 7.....	2,208	.....	.....
Danbury township ³ (school).....	329	.....	.....	Grand Forks township.....	370	372	266
Exeter township (school).....	287	259	.....	Hegton township.....	244	176	191
Gayton township (school).....	450	136	.....	Inkster city ²¹	353	.....	.....
Glenavon township (school).....	519	173	.....	Inkster township ²¹	233	553	411
Hague village ⁴	183	.....	.....	Johnstown township.....	244	343	316
Linton village ⁵	644	.....	.....	Lakeville township.....	207	360	308
Logan township (school).....	534	134	.....	Larimore city.....	1,224	1,235	553
Marie township ² (school).....	270	.....	.....	Ward 1.....	267	.....	.....
Odessa township (school).....	268	213	.....	Ward 2.....	598	.....	.....
Omio township ² (school).....	193	.....	.....	Ward 3.....	559	.....	.....
Selz township ⁴ (school).....	716	655	.....	Larimore township.....	209	127	110
Strasburg township ⁶ (school).....	652	400	.....	Levant township.....	126	251	187
Strasburg village ⁶	273	.....	.....	Lind township.....	364	447	337
Ward 1.....	95	.....	.....	Logan Center township ²²	283	243	102
Ward 2.....	75	.....	.....	Loretta township.....	389	415	209
Ward 3.....	103	.....	.....	Meknock township.....	394	471	382
Union township (school).....	547	434	.....	Michigan township.....	275	279	369
Wells township ² (school) (T. 132, R. 75).....	186	.....	.....	Moraine township.....	218	161	64
Williamsport township ³ (school).....	481	244	.....	Niagara township ²³	224	392	236
Winchester township ⁵ (school).....	719	313	.....	Niagara village ²³	157	.....	.....
Winona township (school).....	602	313	.....	Northwood city.....	769	697	268
				Ward 1.....	200	.....	.....
Foster County	5,313	7,370	7,120	Ward 2.....	153	.....	.....
Birtsell township (school) (T. 147, R. 67).....	348	205	132	Ward 3.....	386	.....	.....
Bordulac township ⁸ (T. 145, R. 65).....	281	167	.....	Northwood township.....	494	557	560
Bucephalia township ⁹ (school) (T. 145, R. 64).....	172	229	44	Oakville township.....	216	252	247
Campbell township (school) (T. 146, R. 63).....	196	142	.....	Pleasant View township.....	322	288	270
Carrington city ¹⁰	1,217	.....	.....	Plymouth township ²⁴	313	261	157
Ward 1.....	447	.....	.....	Reynolds city (wards 1 and 2).....	159	173	.....
Ward 2.....	499	.....	.....	Total for Reynolds city in Grand Forks and			
Ward 3.....	271	.....	.....	Trail Counties.....	412	389	.....
Carrington township ¹¹ (T. 146, R. 66).....	194	.....	.....	Ward 1.....	62	.....	.....
Eastman township ¹² (T. 145, R. 62).....	215	203	89	Ward 2.....	87	.....	.....
Estabrook township (school) (T. 147, R. 66).....	208	168	86	Ward 3.....	265	.....	.....
Glenfield township ¹³ (T. 146, R. 62).....	232	206	72	Rye township.....	140	204	106
Haven township (school) (T. 146, R. 64).....	238	150	.....	Strabane township ²¹	285	498	428
Larabee township (school) (T. 147, Rs. 63 and 64).....	225	165	69	Turtle River township.....	235	313	249
McHenry township ¹⁴ (T. 147, R. 62).....	134	197	.....	Union township.....	399	471	382
McHenry village ¹⁴	398	.....	.....	Walle township.....	694	813	750
McKinley township ⁹ (school) (T. 145, R. 63).....	166	.....	.....	Washington township.....	381	435	459
Melville township ¹⁵ (T. 145, R. 66).....	258	238	228	Wheatfield township.....	210	172	210
Nordmore township ¹⁶ (T. 147, R. 65).....	236	157	58				
Pleasant Valley township (school) (T. 145, R. 67).....	156	119	102	Griggs County	6,274	4,744	2,817
Rose Hill township ¹⁷ (T. 146, R. 65).....	230	190	53	Addle township ²⁵ (T. 147, R. 60).....	181	204	63
Wyand township ¹⁸ (T. 146, R. 67).....	209	146	68	Ball Hill township.....	266	244	183
				Bartley township.....	216	214	101
Grand Forks County	27,888	24,459	18,357	Binford village ²⁶	275	.....	.....
Agnes township.....	363	385	284	Broadview township.....	190	194	92
Allendale township.....	244	381	372	Bryan township ²⁶ (T. 147, R. 61).....	184	127	60
Americus township.....	387	462	554	Clearfield township.....	128	137	71
Arvilla township.....	337	294	259	Cooperstown city ²⁷	1,019	648	368
Avon township.....	313	322	330	Ward 1.....	449	.....	.....
Bentru township.....	257	320	345	Ward 2.....	555	.....	.....
Blooming township.....	306	456	442	Ward 3.....	215	.....	.....
Brenna township.....	270	360	310	Cooperstown township.....	283	226	120
Chester township.....	382	395	384	Dover township.....	237	222	115
Elkmount township.....	301	263	209	Greenfield township ²⁸	290	388	173
Elm Grove township.....	291	256	265	Hannaford village ²⁸	340	.....	.....
Fairfield township.....	177	198	139	Helena township.....	162	160	83
Falconer township.....	119	126	118	Kingsley township ²⁹ (T. 146, R. 61).....	161	78	64
Ferry township ²⁰	575	628	471	Lenora township.....	231	181	158
Gilby township.....	570	631	463	Mabel township.....	208	220	81
Grace township.....	327	284	221	Pilot Mound township.....	261	196	182
Grand Forks city.....	12,478	7,652	4,979	Romnes township.....	267	266	185
Ward 1.....	1,639	.....	.....	Rosendal township ³⁰ (T. 148, R. 61).....	216	93	30
Ward 2.....	1,604	.....	.....	Sverdrup township.....	327	331	274
Ward 3.....	727	.....	.....	Tyrol township.....	371	228	182

¹ No comparison of population can be made; numerous changes made between 1890 and 1900.

² Dakem, Marie, Omio, and Wells townships (school) returned as Dakem township (school) in 1900.

³ Danbury and Williamsport townships (school) returned as Williamsport township (school) in 1900.

⁴ Hague village incorporated from part of Selz township (school) in 1908.

⁵ Linton village incorporated from part of Winchester township (school) in 1906.

⁶ Strasburg village incorporated from part of Strasburg township (school) in 1908.

⁷ County totals include population (1,088 in 1900; 209 in 1890) of Carrington township (school), taken to form Carrington city and Carrington township since 1900.

⁸ Organized from Lake George township (school) in 1906.

⁹ Bucephalia and McKinley townships (school) returned as Bucephalia township (school) in 1900.

¹⁰ Incorporated from part of Carrington township (school) in 1900.

¹¹ Organized from part of Carrington township (school) in 1906.

¹² Organized from Eastman township (school) in 1906.

¹³ Organized from Glenfield township (school) in 1906.

¹⁴ McHenry township organized from Melby township (school) in 1900; McHenry village incorporated from part of McHenry township in 1903.

¹⁵ Organized from Melville township (school) in 1907.

¹⁶ Organized from Nordmore township (school) in 1907.

¹⁷ Organized from Rose Hill township (school) in 1907.

¹⁸ Organized from Wyand township (school) in 1906.

¹⁹ County totals include population (87 in 1900; 85 in 1890) of Harvey township, annexed to Ferry township since 1900.

²⁰ Harvey township annexed in 1905.

²¹ Inkster city incorporated from parts of Inkster and Strabane townships in 1902.

²² Name changed from Logan in 1906.

²³ Niagara village incorporated from part of Niagara township in 1907.

²⁴ Name changed from Oakwood in 1905.

²⁵ Addie township organized in 1900; Binford village incorporated from part of Addie township in 1906.

²⁶ Organized in 1900.

²⁷ Incorporated as a city in 1906.

²⁸ Hannaford village incorporated from part of Greenfield township in 1907.

²⁹ Organized in 1909.

³⁰ Organized in 1901.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Hettinger County¹	6,557	(²)		Lamoure County	10,724	6,048	3,187
Alden township ³ (T. 133, R. 95).....	218	7		Adrian township ⁷	338	137	77
Beery township ³ (T. 134, R. 92).....	281	29		Badger township ⁸	232	91	82
Black Butte township ⁴ (T. 135, R. 95).....	192	10		Berlin village ⁹	137		
Chilton township ³ (T. 133, R. 94).....	154	7		Black Loam township.....	324	301	148
Indian Creek township ³ (T. 134, R. 95).....	266	6		Bluebird township ¹⁰	160	107	
Kennedy township ⁴ (T. 133, R. 97).....	170			Cottonwood township (school).....	175	95	52
Kunze township ³ (T. 136, R. 97).....	145	6		Dickey village ¹¹	187		
Madison township ³ (T. 136, R. 94).....	296	26		Edgeley village.....	749	306	
New England township ³ (T. 135, R. 97).....	272	29		Ward 1.....	225		
Rifle township ³ (T. 136, R. 95).....	195	33		Ward 2.....	275		
St. Croix township ⁵ (T. 135, R. 94).....	166			Ward 3.....	249		
Strehlow township ³ (T. 134, R. 97).....	190			Gladstone township.....	356	202	121
Township 132, range 91.....	169	6		Glen township ¹²	238	53	
Township 132, range 92.....	163			Glenmore township ¹³	206	103	62
Township 132, range 93.....	100			Golden Glen township.....	256	158	247
Township 132, range 94.....	126	5		Grand Rapids township ¹⁴	230	167	177
Township 133, range 91.....	232	9		Grandview township.....	192	154	108
Township 133, range 92.....	189			Greenville township ¹⁵	153	84	20
Township 133, range 93.....	169			Henrietta township ⁹	219	124	59
Township 133, range 96.....	177			Jud village ¹⁰	99		
Township 134, range 91.....	174	21		Kennison township ¹⁶	202	86	107
Township 134, range 93.....	541	10		Kulm city ¹⁷	645	463	
Township 134, range 94.....	151	10		Lamoure city ¹⁸	929	457	309
Township 134, range 96.....	139			Ward 1.....	595		
Township 135, range 91.....	241	25		Ward 2.....	172		
Township 135, range 92.....	180	35		Ward 3.....	562		
Township 135, range 93.....	155	20		Lamoure township (school).....	179	135	173
Township 135, range 96.....	101	2		Litchville township.....	317	286	210
Township 136, range 91.....	304	17		Mikkelson township (school).....	198	49	
Township 136, range 92.....	198	42		Nora township.....	249	129	86
Township 136, range 93.....	243			Norden township ¹⁹	207	188	71
Township 136, range 96.....	260	5		Ovid township ²⁰ (school).....	150	88	54
				Pomona View township (school).....	222	136	47
				Prairie township.....	364	338	208
				Raney township (school).....	239	139	
Kidder County	5,962	1,754	61,211	Ray township ²¹	166	106	56
Allen township (T. 140, R. 73).....	121	95	66	Roscoe township ¹¹	208	226	92
Arlington township (school) (T. 143, R. 73).....	110	7		Russell township ²²	179	62	38
Baker township (school) (T. 137, R. 74).....	131	13		Saratoga township ²³	183	150	42
Belden township (school) (T. 137, R. 72).....	129			Sheridan township.....	515	257	87
Buckeye township (T. 141, R. 71).....	84	32	32	Swede township (school).....	288	201	111
Chestina township (school) (T. 141, R. 74).....	144	17	1	Twin Lake township (school).....	200	132	67
Clear Lake township (school) (T. 142, R. 73).....	156			Verona township (school).....	197	126	165
Crystal Springs township (school) (T. 139, R. 70).....	216	120	9	Verona village ²⁴	235		
Excelsior township ⁵ (T. 140, R. 74).....	132	1	28	Wano township.....	225	120	64
Fisher township (school) (T. 140, R. 71).....	78	72		Willowbank township.....	176	91	47
Frettem township (school) (T. 143, R. 71).....	121	13	3				
German township (school) (T. 137, R. 70).....	173	72		Logan County	6,168	24,625	24,597
Grant township (school) (T. 137, R. 71).....	196			Township 1, Kroeber (school) (T. 135, R. 73, W. ½ T. 136, R. 72 and T. 136, R. 73).....	417		
Haynes township ⁶ (T. 141, R. 73).....	141	21	9	Township 2, Foster (school) (Tps. 134 and 135, R. 72, and E. ½ T. 134, R. 73).....	651		
Horning township (school) (T. 143, R. 70).....	153	38		Township 3, Mannheim (school) (T. 133, R. 73, and W. ½ T. 134, R. 73).....	374		
Kickapoo township (school) (T. 143, R. 70).....	130	5	6	Township 4, Johannesdale (school) (T. 133, R. 71).....	221		
Lakeside township (school) (T. 142, R. 70).....	97	21	3	Township 5, Wentz (school) (Tps. 135 and 136, R. 71, and E. ½ T. 136, R. 72).....	281		
Liberty township (school) (T. 138, R. 72).....	125	43	33	Township 6, German (school) (Tps. 135 and 136, R. 70).....	335		
Lincoln township (school) (T. 142, R. 72).....	141	17	7	Township 7, Lehr (school) (T. 133, R. 69).....	202		
Malcolm township (school) (T. 141, R. 70).....	166	10	13	Township 8, Hillsburg (school) (T. 134, R. 69, and E. ½ T. 134, R. 70).....	331		
Manning township (Tps. 137 and 138, R. 73).....	241	53	54	Township 9, Miller (school) (T. 136, R. 69).....	237		
Merkel township (school) (Tps. 143 and 144, R. 72).....	281	35		Township 10, Neudorf (school) (T. 136, R. 68).....	287		
Northwest township (school) (T. 144, R. 74).....	147	10		Township 11, Finn (school) (N. ½ T. 134, R. 67, and T. 135, R. 67).....	359		
Norway township (school) (T. 142, R. 74).....	212	28	15	Township 12, Nordby (school) (T. 133, R. 67, and S. ½ T. 134, R. 67).....	482		
Pleasant Hill township (T. 139, R. 74, and T. 138, R. 74, part of).....	177	68	68	Township 13, Johnstad (school) (T. 135, R. 68).....	217		
Pleasant Hill township (school) (T. 138, R. 74, part of).....	39	4		Township 14, Klundt (school) (T. 136, R. 67).....	507		
Quinby township (school) (T. 141, R. 72).....	62	33	28	Township 15, Arvada (school) (T. 138, R. 70).....	124		
Rexin township (school) (T. 144, R. 70).....	195	164		Township 16, Red Lake (school) (W. ½ T. 134, R. 70, and T. 134, R. 71).....	273		
Sibley township (T. 139, R. 72).....	279	235	170	Township 17, Lantz (school) (T. 133, R. 68).....	217		
Steele city.....	500	185	133	Township 18, Ketterling (school) (T. 135, R. 69).....	133		
Stewart township (school) (T. 144, R. 73).....	103	14		Township 19, Hills (school) (T. 133, R. 72).....	278		
Tanner township ⁸ (T. 138, R. 70).....	149	7		Township 20, Nathan (school) (T. 134, R. 68).....	242		
Tappen township (school) (T. 139, R. 71).....	117	149	63				
Union township (school) (T. 142, R. 71).....	134	22	64				
Valley township (school) (T. 138, R. 71).....	147	16					
Vernon township (school) (T. 140, R. 72).....	86	34	66				
Wallace township (school) (T. 144, R. 71).....	136						
Williams township (school) (T. 140, R. 70).....	113	6	7				
Woodlawn township (T. 139, R. 73).....	100	84	130				

¹ Organized from part of Stark County in 1907.² Comparison of population for 1900 made by townships wherever possible.³ Organized in 1908.⁴ Organized in 1909.⁵ Organized in 1910.⁶ County total includes population (203) of T. 144, R. 71, and that part of county not returned by townships in 1890.⁷ Organized from Banner township (school) in 1908.⁸ Organized from Lakeview township (school) in 1908.⁹ Berlin village incorporated from part of Henrietta township in 1906.¹⁰ Bluebird township organized from Bluebird township (school) in 1905; Jud village incorporated from part of Bluebird township in 1909.¹¹ Dickey village incorporated from part of Roscoe township in 1907.¹² Organized from Martin township (school) in 1905.¹³ Organized from Glenmore township (school) in 1906.¹⁴ Organized from Grand Rapids township (school) in 1910.¹⁵ Organized from Logan township (school) in 1905.¹⁶ Organized from Kennison township (school) in 1908.¹⁷ Incorporated as a city in 1903.¹⁸ Incorporated as a city in 1905.¹⁹ Organized from Norway township (school) in 1905.²⁰ Verona village incorporated from part of Ovid township (school) in 1905.²¹ Organized from Ray township (school) in 1906.²² Organized from Russell township (school) in 1909.²³ Organized from Saratoga township (school) in 1907.²⁴ No comparison of population can be made; numerous changes made since 1900.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued..

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
McHenry County	17,627	5,253	1,584	McIntosh County—Continued.			
Anamoose township ¹ (T. 151, R. 75).....	403	362		School district No. 12 (T. 129, R. 71).....	312	231	
Anamoose village ¹	669			School district No. 13 (T. 129, R. 72).....	221	235	
Balfour township ² (T. 152, R. 77).....	211	249		School district No. 14 (T. 130, R. 72).....	239	227	
Balfour village ²	399			School district No. 15 (T. 131, R. 72).....	135	196	
Bantry township ³ (T. 153, R. 77).....	364	38		School district No. 16 (T. 132, R. 72).....	178	74	
Berwick township ⁴ (T. 156, R. 75).....	474	241	107	School district No. 17 (T. 132, R. 67).....	184	219	
Brown township ⁵ (T. 152, R. 80).....	279	2		School district No. 18 (T. 130, R. 68).....	311	232	
Bjornson township ⁶ (T. 151, R. 80).....	240	38		School district No. 19 ¹⁰ (T. 132, R. 71).....	90	149	
Cut Bank township (school) (T. 157, R. 78).....	131	11		School district No. 20 (T. 129, R. 67).....	242	218	
Cottonwood Lake township ⁶ (T. 151, R. 78).....	216	50		School district No. 21 (T. 129, R. 70).....	148	159	
Deep River township ⁶ (T. 159, R. 79).....	301	94		School district No. 22 (T. 131, Rs. 69 and 70).....	478	104	
Deering township ⁷ (T. 157, R. 80).....	275			School district No. 23 (T. 130, R. 67).....	334	262	
Deering village ⁷	150			School district No. 24 (T. 132, R. 70).....	115	43	
Denbigh township ⁸ (T. 156, R. 77).....	396	33	25	School district No. 25 (T. 132, R. 68).....	179	83	
Drake village ⁸	348			School district No. 26 (T. 132, R. 73).....	215	39	
Egg Creek township ⁹ (T. 156, R. 79).....	184	33		School district No. 27 (T. 131, R. 67).....	141	222	
Elm Grove township (school) (T. 159, R. 77).....	323	288	96				
Gorman township (school) (T. 155, R. 76).....	100	20		McKenzie County ²¹	5,720	(²²)	23 3
Granville city ⁹	455			Alexander precinct (Tps. 149, 150, and 151, Rs. 101 and 102).....	1,088		
Granville township ⁹ (T. 155, R. 79).....	379	186	7	Almira precinct (Tps. 145 and 146, R. 102 (part of); T. 147, R. 100 (part of), R. 101 (part of), and R. 102; and T. 148, Rs. 98 to 102).....	200		
Grille township ⁹ (T. 153, R. 80).....	278	15		Banks precinct (T. 152, Rs. 97 and 98; T. 153, Rs. 96, 97, and R. 98 (part of); and T. 154, R. 96 (part of), and R. 97, part of).....	443	24	
Kottke Valley township ⁹ (T. 156, R. 80).....	254			Berg precinct (T. 151, R. 95 (part of), R. 96, and R. 97 (part of), and T. 152, Rs. 95 (part of) and 96, part of).....	327		
Lake George township ¹⁰ (T. 153, R. 78).....	292	30		Cartwright precinct (Tps. 149 and 150, R. 103; T. 149, R. 104; and T. 150, R. 104, part of).....	342		
Lake Hester township ⁶ (T. 153, R. 78).....	275	66	27	Catlin precinct (T. 149, Rs. 95 (part of) and 96, and T. 150, Rs. 95 (part of) and 96).....	200		
Land township ³ (T. 151, R. 77).....	555	179		Charlson precinct (T. 152, Rs. 95 (part of) and 96 (part of), T. 153, R. 95, and T. 154, R. 95, part of).....	384	2	
Layton township ⁶ (T. 153, R. 78).....	287	72		Keffeler precinct (Tps. 145 to 148, Rs. 103, 104, frac. T. 145, R. 105, frac. T. 146, R. 105, frac. T. 147, R. 105, and frac. T. 148, R. 105).....	133		
Lebanon township ¹¹ (T. 153, R. 79).....	250	80	85	Kinning precinct (T. 151, Rs. 99 and 100, T. 152, Rs. 99 and 100 (part of), and T. 153, R. 99, part of).....	300	22	
Little Deep township ⁶ (T. 158, R. 79).....	285	43		Knife precinct (Tps. 152 and 153, Rs. 93 (part of) and 94, part of).....	277		
Meadow township ¹¹ (T. 159, R. 78).....	326	216	8	Morrill precinct (Tps. 150 to 152, R. 104, part of).....	341		
Newport township (school) (T. 156, R. 76).....	194	119	101	Nichols precinct (T. 151, Rs. 103 and 104 (part of), and T. 152, Rs. 103 (part of) and 104 (part of).....	213		
Norman township (school) (T. 159, R. 75).....	178	149	80	Poe precinct (T. 152, Rs. 101 and 102, and T. 153, Rs. 100, 101, and 102, parts of).....	223		
North Prairie township ⁴ (T. 154, R. 80).....	426	69		Rhoades precinct (Tps. 145 and 146, Rs. 98 to 101, and 102 (part of) and T. 147, Rs. 98 to 101, parts of).....	173		
Norwich township ⁶ (T. 155, R. 80).....	366	48	24	Rud precinct (Tps. 149 and 150, Rs. 99 and 100).....	566	16	
Odin township ⁶ (T. 152, R. 78).....	322	100		Schafer precinct (Tps. 149 and 150, Rs. 97 and 98, and T. 151, Rs. 97 (part of) and 98).....	510	16	
Olivia township ⁶ (T. 151, R. 79).....	227	10		Fort Berthold Indian Reservation (part of).....	(²⁴)		
Poplar Grove township (school) (T. 158, R. 76).....	109	50	77	[For total, see Dunn County.]			
Prairie township ⁶ (T. 159, R. 80).....	268	26		McLean County ²⁵	14,496	25 4,791	27 860
Red Cross township (school) (T. 157, R. 75).....	138	36	60	Andrews township ¹⁰ (T. 150, R. 81).....	346		
Regstad township ⁶ (T. 153, R. 77).....	302	30	19	Aurena township ¹⁰ (T. 149, R. 79).....	248		
Riga township ³ (T. 156, R. 78).....	192	37	1	Blue Hill township ¹³ (T. 150, R. 86).....	217		
Roosevelt township ⁶ (T. 152, R. 75).....	323	107		Buffalo Lake township ²⁸ (T. 145, R. 82).....	175	4	
Round Lake township ¹³ (T. 153, R. 75).....	232	6		Butte township ²⁹ (T. 150, Rs. 79 and 80).....	358	15	
Salline township (school) (T. 157, R. 79).....	278	100		Byersville township ³⁰ (T. 149, R. 78).....	199	5	
Smoky Lake township (school) (T. 154, R. 75).....	159	6		Dogden township ³¹ (T. 150, R. 78).....	296	11	
Spring Grove township ⁸ (T. 151, R. 76).....	128	105		Dogden village ³¹	320		
Strege township ⁶ (T. 152, R. 76).....	115	177		Ward 1.....	130		
Towner city ¹⁴	691	331	211	Ward 2.....	96		
Upham village ¹¹	296			Ward 3.....	94		
Velva city ¹⁵	837			Douglas township ⁶ (T. 150, R. 85).....	220	2	
Ward 1.....	380			Economy township ³⁰ (T. 150, R. 83).....	283		
Ward 2.....	183			Emmett township ⁶ (T. 148, R. 86).....	242	1	
Ward 3.....	874			Garrison village ³²	406		
Velva township ¹⁵ (T. 153, R. 80).....	220	199	98	Ward 1.....	81		
Voltaire township ⁵ (T. 152, R. 79).....	381	22		Ward 2.....	175		
Wager township (school) (T. 157, R. 77).....	343	213	22	Ward 3.....	150		
Walters township (school) (T. 154, R. 79).....	364	64	27	Greatstone township ³⁰ (T. 149, R. 81).....	263	7	
Willow Creek township (school) (T. 159, R. 76).....	188	269	111	Heaton township ⁵ (T. 144, R. 80).....	148	38	
Township 154, range 76.....	129	1		Lake Williams township ¹⁰ (T. 147, R. 80).....	512	21	
Township 154, range 77.....	282	43	41	Linder township ³³ (T. 147, R. 82).....	199	20	
Township 154, range 78.....	244	178	116				
Township 155, range 75.....	214	122					
Township 155, range 77.....	116	129	140				
Township 155, range 78.....	114		4				
Township 157, range 76.....	152	101	97				
McIntosh County	7,251	4,818	16 3,248				
Ashley village ¹⁷	682						
Lehr village ¹⁸	182						
Wishek village ¹⁹	432						
Zeeland village ²⁰	193						
School district No. 1 (T. 130, R. 70).....	170	85					
School district No. 2 (T. 129, R. 68).....	282	279					
School district No. 3 (T. 131, R. 71).....	195	126					
School district No. 4 ²⁰ (T. 129, R. 73).....	231	237					
School district No. 5 (T. 131, R. 68).....	159	156					
School district No. 6 (T. 131, R. 73).....	265	315					
School district No. 7 (T. 130, R. 73).....	196	235					
School district No. 8 (T. 129, R. 69).....	169	165					
School district No. 9 ¹⁷ (T. 130, R. 69).....	198	164					
School district No. 10 ¹⁸ (T. 132, R. 69).....	135	171					
School district No. 11 (T. 130, R. 71).....	240	192					

¹ Anamoose village incorporated from part of T. 151, R. 75, in 1905; Anamoose township organized in 1906.² Balfour township organized in 1900; Balfour village incorporated from part of Balfour township in 1906.³ Organized in 1907.⁴ Organized in 1903.⁵ Organized in 1904.⁶ Organized in 1902.⁷ Deering township organized in 1906; Deering village incorporated from part of Deering township in 1909.⁸ Spring Grove township organized in 1903; Drake village incorporated from part of Spring Grove township in 1907.⁹ Granville township organized in 1901; Granville city incorporated from part of Granville township in 1907.¹⁰ Organized in 1909.¹¹ Meadow township organized in 1902; Upham village incorporated from part of Meadow township in 1908.¹² Exclusive of population of Towner city.¹³ Organized in 1905.¹⁴ Returned as in T. 156, R. 76, in 1900.¹⁵ Velva city incorporated from part of T. 153, R. 80, in 1902; Velva township organized in 1908.¹⁶ No comparison of population can be made; not returned by school districts in 1890.¹⁷ Ashley village incorporated from part of school district No. 9 in 1903.¹⁸ Lehr village incorporated from part of school district No. 10 in 1907.¹⁹ Wishek village incorporated from part of school district No. 19 in 1907.²⁰ Zeeland village incorporated from part of school district No. 4 in 1906.²¹ Organized from parts of Billings and Stark Counties in 1897. Old McKenzie County annexed to Billings County in 1897.²² Comparison of population for 1900 made by precincts wherever possible.²³ Population of old McKenzie County.²⁴ No population reported.²⁵ Part taken to form Sheridan County in 1909.²⁶ County total includes population (1,997) of territory taken to form Sheridan County since 1900.²⁷ No comparison of population can be made; not returned by civil townships in 1900.²⁸ Organized in 1906.²⁹ Organized in 1904; part taken to form Russo village in 1909.³⁰ Organized in 1910.³¹ Dogden township organized in 1907; Dogden village incorporated from part of Dogden township in 1908.³² Incorporated from part of T. 148, R. 84, in 1907.³³ Organized in 1908.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
McLean County—Continued.				Mercer County—Continued.			
Longfellow township ¹ (T. 146, R. 83).....	199	127	.....	Township 147, range 86 (part of).....	64	50	.....
McGinnis township ² (T. 149, R. 84).....	181	2	.....	Fort Berthold Indian Reservation (part of).....	139	.....	.....
Malcolm township ³ (T. 148, R. 82).....	301	12	.....	[For total, see Dunn County.]			
Max village ⁴	285	.....	.....	Morton County			
Mercer township ⁵ (T. 146, R. 79).....	232	.....	.....		
Platte township ⁶ (T. 149, R. 85).....	242	4	.....			
Ruso village ⁷	141	.....	.....		
St. Mary township ⁸ (T. 148, R. 85).....	240	19	.....	Blue Grass township (Tps. 139 and 140, Rs. 86 and 87).....	655	411	.....
Turtle Lake township ⁹ (T. 147, R. 81).....	234	60	.....	Classen township ¹⁰ (Tps. 139 and 140, Rs. 88 and 89).....	615	204	.....
Underwood township ¹¹ (T. 146, R. 82).....	230	101	.....	Foust township ¹² (Tps. 137 and 138, Rs. 88 and 89).....	708	194	.....
Underwood village ¹³	422	.....	.....	Glenn Ullin village ²⁰	921	.....	.....
Victoria township ¹⁴ (T. 147, R. 83).....	264	34	.....	Hebron village ²⁰	597	.....	.....
Washburn city ¹⁵	657	.....	.....	Lorin township ² (T. 132, R. 90).....	159	.....	.....
Wilton village ¹⁶	437	.....	.....	Mandan city.....	3,873	1,658	1,328
Wise township ¹⁷ (T. 147, R. 79).....	176	7	.....	Ward 1.....	1,369	.....	.....
Township 143, range 80 ¹⁰	270	240	.....	Ward 2.....	1,377	.....	.....
Township 143, range 81 (part of).....	62	39	.....	Ward 3.....	1,187	.....	.....
Township 144, range 81.....	77	104	.....	New Salem village.....	621	229	.....
Township 144, range 82 ⁹ (part of).....	71	155	.....	Schulz township ¹ (Tps. 130 and 131, Rs. 84 and 87).....	347	45	.....
Township 144, range 83 (part of).....	91	66	.....	Sims township.....	236	231	.....
Township 144, range 84 (part of).....	31	3	.....	Sims village ²⁰	80	.....	.....
Township 145, range 79.....	235	20	.....	Stevenson township ³ (T. 133, Rs. 82 (part of) and 83).....	251	30	.....
Township 145, range 80.....	171	4	.....	Valley View township ⁴ (T. 133, R. 87).....	160	6	.....
Township 145, range 81.....	174	116	.....	Township 130, range 85.....	49	.....	.....
Township 145, range 83.....	184	50	.....	Township 130, range 88.....	104	.....	.....
Township 145, range 84 (part of).....	71	28	.....	Township 130, range 89.....	103	7	.....
Township 146, range 80.....	164	35	.....	Township 130, range 90.....	104	9	.....
Township 146, range 81.....	182	114	.....	Township 131, range 84 (part of).....	53	.....	.....
Township 146, range 84 (part of).....	84	87	.....	Township 131, range 85.....	101	19	.....
Township 147, range 84 (part of).....	58	81	.....	Township 131, range 88.....	147	.....	.....
Township 147, range 85 (part of).....	35	7	.....	Township 131, range 89.....	137	.....	.....
Township 147, range 86 (part of).....	53	15	.....	Township 131, range 90.....	168	.....	.....
Township 147, range 87 (part of).....	(u) 40	40	.....	Township 132, range 83 (part of).....	39	8	.....
Township 148, range 79.....	277	.....	.....	Township 132, range 84.....	127	15	.....
Township 148, range 80.....	273	9	.....	Township 132, range 85.....	214	2	.....
Township 148, range 81.....	242	10	.....	Township 132, range 86.....	166	12	.....
Township 148, range 83.....	312	3	.....	Township 132, range 87.....	136	.....	.....
Township 148, range 84 ¹²	300	5	.....	Township 132, range 88.....	117	19	.....
Township 148, range 87.....	191	.....	.....	Township 132, range 89.....	154	18	.....
Township 149, range 80.....	139	54	.....	Township 133, range 84.....	159	6	.....
Township 149, range 82.....	237	11	.....	Township 133, range 85.....	216	1	.....
Township 149, range 83.....	282	7	.....	Township 133, range 86.....	156	17	.....
Township 149, range 86.....	157	.....	.....	Township 133, range 88.....	183	.....	.....
Township 149, range 87 (part of).....	160	.....	.....	Township 133, range 89.....	123	.....	.....
Township 150, range 82.....	318	2	.....	Township 133, range 90.....	159	15	.....
Township 150, range 84.....	156	1	.....	Township 134, range 79 (part of).....	50	6	.....
Township 150, range 87 (part of).....	105	.....	.....	Township 134, range 80 (part of).....	43	10	.....
Fort Berthold Indian Reservation (part of).....	661	998	.....	Township 134, range 81 (part of).....	49	19	.....
[For total, see Dunn County.]				Township 134, range 82.....	98	12	.....
				Township 134, range 83.....	100	3	.....
				Township 134, range 84.....	282	9	.....
				Township 134, range 85.....	186	23	.....
				Township 134, range 86.....	296	10	.....
				Township 134, range 87.....	179	8	.....
				Township 134, range 88.....	315	50	.....
				Township 134, range 89.....	330	.....	.....
				Township 134, range 90.....	280	.....	.....
				Township 135, range 79 (part of).....	50	25	.....
				Township 135, range 80.....	100	28	.....
				Township 135, range 81.....	199	40	.....
				Township 135, range 82.....	203	56	.....
				Township 135, range 83.....	210	.....	.....
				Township 135, range 84.....	253	.....	.....
				Township 135, range 85.....	195	.....	.....
				Township 135, range 86.....	100	5	.....
				Township 135, range 87.....	100	14	.....
				Township 135, range 88.....	212	28	.....
				Township 135, range 89.....	361	159	.....
				Township 135, range 90.....	274	100	.....
				Township 136, range 79 (part of).....	50	41	.....
				Township 136, range 80.....	300	47	.....
				Township 136, range 81.....	298	147	.....
				Township 136, range 82.....	175	93	.....
				Township 136, range 83.....	175	19	.....
				Township 136, range 84.....	163	.....	.....
				Township 136, range 85.....	72	20	.....
				Township 136, range 86.....	163	60	.....
				Township 136, range 87.....	73	35	.....
				Township 136, range 88.....	128	20	.....
				Township 136, range 89.....	153	6	.....
				Township 136, range 90.....	192	36	.....

¹ Organized in 1909.² Organized in 1905.³ Organized in 1910.⁴ Incorporated from part of T. 150, R. 83, in 1907.⁵ Organized in 1908.⁶ Incorporated from part of Butte township in 1909.⁷ Organized in 1904.⁸ Underwood township organized in 1904; Underwood village incorporated from part of Underwood township in 1903.⁹ Washburn city incorporated from part of T. 144, R. 82 (part of), in 1907.¹⁰ Wilton village incorporated from part of T. 143, R. 80, in 1904.¹¹ No population reported.¹² Part taken to form Garrison village in 1907.¹³ Part taken to form part of Dunn County in 1908.¹⁴ County total includes population (233) of territory taken to form part of Dunn County since 1900 and population (40) of that part of Fort Berthold Indian Reservation now in Dunn and Mercer Counties.¹⁵ No comparison of population can be made; not returned by townships and ranges in 1890.¹⁶ County total includes population (632) of Glenn Ullin township, taken to form parts of Classen and Foust townships since 1900; and population of Standing Rock Indian Reservation (in North Dakota), not returned by counties in 1900.¹⁷ County total includes population (511) of Fort Yates and Standing Rock Indian Agency (exclusive of reservation Indians), not returned by counties in 1890. No comparison of population can be made; numerous changes made between 1890 and 1900.¹⁸ Organized from T. 140, Rs. 88 and 89, and part of Glenn Ullin township in 1909.¹⁹ Organized from T. 137, Rs. 88 and 89, and part of Glenn Ullin township in 1909.²⁰ Incorporated since 1900.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Morton County—Continued.				Mountrail County—Continued.			
Township 137, range 79 (part of).....	50	23	.....	Township 154, range 92.....	84	9	.....
Township 137, range 80 (part of).....	149	32	.....	Township 154, range 93.....	91	.....	.....
Township 137, range 81.....	245	164	.....	Township 154, range 94 (part of).....	26	18	.....
Township 137, range 82.....	230	32	.....	Township 155, range 93.....	161	.....	.....
Township 137, range 83.....	107	77	.....	Township 155, range 94.....	121	10	.....
Township 137, range 84.....	134	.....	.....	Township 157, range 89.....	101	4	.....
Township 137, range 85.....	132	71	.....	Township 157, range 92.....	109	.....	.....
Township 137, range 86.....	134	9	.....	Township 158, range 90.....	90	.....	.....
Township 137, range 87.....	213	74	.....	Fort Berthold Indian Reservation (part of).....	89	.....	.....
Township 137, range 90.....	200	104	.....	[For total, see Dunn County.]	.....	.....	.....
Township 138, range 80 ¹ (part of).....	48	116	.....			
Township 138, range 81.....	172	25	.....	Nelson County.....	10,140	17,816	4,293
Township 138, range 82.....	182	100	.....	Adler township.....	305	226	77
Township 138, range 83.....	81	60	.....	Aneta city ¹⁸	654	.....	.....
Township 138, range 84.....	237	119	.....	Bergen township.....	288	188	217
Township 138, range 85.....	193	103	.....	Central township ¹⁹	286	239	157
Township 138, range 87.....	109	46	.....	Clara township ²⁰	219	195	68
Township 138, range 90.....	233	205	.....	Dahlen township.....	298	250	246
Township 139, range 81 (part of).....	92	152	.....	Dayton township ²¹	201	164	126
Township 139, range 82.....	184	96	.....	Dodds township.....	231	148	121
Township 139, range 83.....	224	94	.....	Enterprise township.....	237	254	105
Township 139, range 84.....	265	178	.....	Field township.....	370	355	259
Township 139, range 85.....	140	188	.....	Forde township.....	255	203	140
Township 139, range 90.....	168	207	.....	Hamlin township ²²	268	286	180
Township 140, range 81 (part of).....	31	24	.....	Illinois township.....	202	175	145
Township 140, range 82.....	177	123	.....	Lakota city ²³	1,023	576	227
Township 140, range 83.....	328	127	.....	Ward 1.....	401	.....	.....
Township 140, range 84.....	220	122	.....	Ward 2.....	363	.....	.....
Township 140, range 85.....	184	205	.....	Ward 3.....	259	.....	.....
Township 140, range 90.....	137	276	.....	Lakota township ²³	206	241	165
Standing Rock Indian Reservation ²⁴	1,689	2,208	.....	Lee township.....	442	297	275
	8,491	(¹)	.....	Leval township ²⁵	148	96	82
Alger township ⁵ (T. 155, R. 92).....	180	.....	.....	McVillage village ²⁶	310	.....	.....
Austin township ⁵ (T. 154, R. 90).....	216	.....	.....	Melvin township ²⁵	264	209	149
Blocher township ⁵ (T. 158, R. 94).....	207	10	.....	Michigan City ²⁷	449	309	.....
Burke township ⁵ (T. 155, R. 90).....	211	.....	.....	Michigan City township ²⁸	369	291	243
Clear Water township ⁵ (T. 157, R. 90).....	150	.....	.....	Nash township.....	219	200	96
Crane Creek township ⁵ (T. 153, R. 91).....	217	.....	.....	Nesheim township ³⁰	298	295	237
Crowfoot township ⁷ (T. 158, R. 80).....	281	.....	.....	Ora township ¹⁸	310	638	196
Egan township ⁸ (T. 156, R. 88).....	139	29	.....	Osago township.....	375	278	154
Idaho township ⁹ (T. 156, R. 91).....	186	.....	.....	Petersburg township ³¹	271	243	159
James Hill township ⁵ (T. 157, R. 91).....	164	.....	.....	Petersburg village ³¹	353	.....	.....
Kickapoo township ⁵ (T. 155, R. 88).....	198	.....	.....	Rubin township ³²	264	215	127
Lostwood township ⁵ (T. 158, R. 91).....	112	.....	.....	Rugh township.....	234	217	84
Lowland township ¹⁰ (T. 158, R. 88).....	260	53	.....	Sarnia township.....	207	183	119
McAlmond township ¹¹ (T. 155, R. 89).....	184	2	.....	Tolna village ³¹	209	.....	.....
McGahn township ¹² (T. 156, R. 89).....	162	.....	.....	Wamuduska township.....	181	150	77
Manitou township ¹⁰ (T. 156, R. 93).....	198	.....	.....	Williams township.....	194	138	62
Myrtle township ⁵ (T. 156, R. 94).....	141	24	.....			
Oakland township ⁵ (T. 154, R. 89).....	167	.....	.....	Oliver County.....	3,577	990	464
Osloe township ⁵ (T. 154, R. 88).....	194	.....	.....	Township 141, range 81 (part of).....	89	47	35
Palermo township ¹³ (T. 156, R. 90).....	143	.....	.....	Township 141, range 82.....	142	48	14
Palermo village ¹³	177	.....	.....	Township 141, range 83.....	242	73	21
Plaza village ¹⁴	224	.....	.....	Township 141, range 84.....	217	93	29
Powers township ¹⁵ (T. 158, R. 92).....	218	.....	.....	Township 141, range 85.....	143	62	46
Powers Lake township ¹⁵ (T. 158, R. 93).....	169	.....	.....	Township 141, range 86.....	188	133	19
Purell township ⁵ (T. 155, R. 91).....	178	36	.....	Township 141, range 87.....	241	17	.....
Ross township ¹⁰ (T. 156, R. 92).....	298	.....	.....	Township 142, range 81 (part of).....	50	42	51
Shell township ¹¹ (T. 153, R. 89).....	148	4	.....	Township 142, range 82.....	148	51	35
Sikes township ⁵ (T. 154, R. 91).....	288	4	.....	Township 142, range 83.....	172	6	3
Sorkness township ⁵ (T. 157, R. 93).....	141	1	.....	Township 142, range 84.....	209	26	11
Spring Coulee township ¹⁵ (T. 153, R. 88).....	208	.....	.....	Township 142, range 85.....	210	82	48
Stanley city ⁵	518	.....	.....	Township 142, range 86.....	210	37	2
Ward 1.....	116	.....	.....	Township 142, range 87.....	262	32	.....
Ward 2.....	177	.....	.....	Township 143, range 81 (part of).....	20	14	15
Ward 3.....	225	.....	.....	Township 143, range 82.....	111	58	32
Stave township ¹¹ (T. 157, R. 88).....	188	.....	.....	Township 143, range 83.....	159	38	8
Tagus village ⁵	105	.....	.....	Township 143, range 84.....	133	31	30
Wayzetta township ⁵ (T. 153, R. 90).....	167	.....	.....	Township 143, range 85.....	167	1	.....
White Earth township ¹⁶ (T. 157, R. 94).....	116	43	.....	Township 143, range 86.....	229	36	.....
White Earth village ¹⁶	264	.....	.....	Township 143, range 87.....	142	8	.....
Township 152, range 88 (part of).....	125	.....	.....	Township 144, range 82 (part of).....	45	35	44
Township 152, range 89 (part of).....	92	.....	.....	Township 144, range 83 (part of).....	48	20	21
Township 152, range 90 (part of).....	61	2	.....			
Township 152, range 91 (part of).....	65	4	.....	Pembina County.....	14,749	17,869	14,334
Township 152, range 92 (part of).....	25	.....	.....	Advance township ³³	354	482	.....
Township 152, range 93 (part of).....	19	.....	.....	Akra township.....	405	584	838
Township 153, range 92.....	62	1	.....	Bathgate city ³⁴	328	641	377
Township 153, range 93 (part of).....	33	14	.....	Bathgate township ³⁴	208	300	226
Township 153, range 94 (part of).....	20	9	.....			

¹ Returned as Custer township in 1900; civil township organization dissolved in 1906.² Not returned by counties in 1900.³ Organized from part of Ward County in 1909.⁴ Comparison of population for 1900 made by townships wherever possible.⁵ Organized in 1902.⁶ Organized in 1910.⁷ Organized in 1904.⁸ Egan township organized in 1905; Tagus village incorporated from part of Egan township in 1907.⁹ Idaho township organized in 1903; Stanley village incorporated from part of Idaho township in 1908; incorporated as a city in 1910.¹⁰ Organized in 1903.¹¹ Organized in 1908.¹² Organized in 1906.¹³ Palermo township organized in 1903; Palermo village incorporated from part of Palermo township in 1907.¹⁴ Incorporated in 1910.¹⁵ Organized in 1905.¹⁶ White Earth township organized in 1903; White Earth village incorporated from part of White Earth township in 1908.¹⁷ County total includes population (62) of T. 152, R. 58 (part of), annexed to Michigan City and Petersburg townships since 1900.¹⁸ Aneta city incorporated from part of Ora township in 1903.¹⁹ Name changed from Center in 1905.²⁰ Name changed from Cleveland in 1905.²¹ Tolna village incorporated from part of Dayton township in 1907.²² McVillage village incorporated from part of Hamlin township in 1908.²³ Lakota village, returned with Lakota township in 1900, incorporated as a city in 1905.²⁴ Exclusive of population of Lakota village.²⁵ Name changed from Lake in 1905.²⁶ Name changed from Melrose in 1905.²⁷ Returned with Michigan township in 1900, incorporated as a city in 1906.²⁸ Returned as Michigan township in 1900. Part of T. 152, R. 58, annexed since 1900.²⁹ Exclusive of population of Michigan village.³⁰ Name changed from Norway in 1905.³¹ Part of T. 152, R. 58, annexed to Petersburg township since 1900. Petersburg village incorporated from part of Petersburg township in 1906.³² Name changed from Rochester in 1905.³³ Name changed from Avon in 1904.³⁴ Bathgate town, incorporated as a city and made independent of Bathgate township in 1907.³⁵ Exclusive of population of Bathgate town.

STATISTICS OF POPULATION.

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TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Pembina County—Continued.				Ramsey County—Continued.			
Beaulieu township.....	410	474	738	Churches Ferry village.....	457	264	.....
Canton village.....	115	98	.....	Cleveland township.....	185	151	94
Carlisle township.....	421	600	508	Coulee township.....	419	300	326
Cavalier city ¹	652	671	.....	Crary village ¹⁰	279	.....	.....
Cavalier township ¹	680	² 922	² 902	De Groat township.....	218	195	166
Crystal city.....	376	385	.....	Devils Lake city.....	5,157	1,729	846
Crystal township.....	335	461	594	Ward 1.....	1,448	.....	.....
Drayton city.....	587	688	318	Ward 2.....	1,365	.....	.....
Ward 1.....	151	.....	.....	Ward 3.....	1,200	.....	.....
Ward 2.....	212	.....	.....	Ward 4.....	1,144	.....	.....
Ward 3.....	224	.....	.....	Dry Lake township.....	234	221	181
Drayton township.....	318	304	349	Edmore village ²⁰	344	.....	.....
Elora township.....	237	313	372	Fancher township ²⁰ (T. 157, R. 61).....	296	225	10
Gardar township.....	506	761	715	Freshwater township.....	235	211	146
Hamilton township, including Hamilton village.....	558	692	700	Grand Harbor township.....	454	515	227
Hamilton village.....	213	224	257	Highland township ¹⁴ (T. 158, R. 60).....	221	174	.....
Joliette township.....	404	522	412	Hope township ¹⁴	160	157	42
La Moure township ³	331	288	.....	Irvine township (school).....	119	107	67
Lincoln township.....	369	420	293	Lake township.....	299	552	237
Lodema township.....	298	342	386	Lawton township ¹⁴ (T. 156, R. 60).....	406	150	.....
Midland township.....	418	578	520	Lillehoff township ¹⁵	366	258	46
Neché township, including Neche village.....	971	1,205	761	Minnewaukan township ²¹ (T. 154, R. 63).....	293	512	399
Neché village.....	528	682	314	Morris township.....	179	167	138
Park township.....	308	350	432	Newbre township ²²	197	108	54
Pembina city.....	717	929	670	Newland township ²² (T. 157, R. 60).....	207	231	.....
Ward 1.....	196	.....	.....	Noonan township.....	215	206	138
Ward 2.....	291	.....	.....	Northfield township ¹¹ (T. 158, R. 62).....	341	74	.....
Ward 3.....	230	.....	.....	Norway township.....	227	225	188
Pembina township.....	503	583	598	Odessa township.....	235	219	160
St. Joseph township.....	1,144	1,160	1,131	Ontario township.....	205	233	147
St. Thomas city.....	513	661	477	Overland township ²³ (T. 157, R. 62).....	222	100	4
St. Thomas township.....	472	814	742	Pleasant township ²³ (T. 158, R. 64).....	204	180	6
Thingvalla township.....	722	752	759	Prospect township ¹¹ (T. 158, R. 61).....	219	142	.....
Walhalla township ⁴	437	⁶ 452	⁵ 516	Royal township ²² (T. 158, R. 63).....	249	145	.....
Walhalla village ⁴	592	377	.....	South Minnewaukan township ²¹ (T. 153, R. 63).....	148	.....	.....
Ward 1.....	114	.....	.....	Starkweather village ¹⁷	246	457	232
Ward 2.....	234	.....	.....	Stevens township ¹⁹	282	108	29
Ward 3.....	244	.....	.....	Sullivan township ¹⁴ (T. 157, R. 63).....	121	72	27
				Triumph township ⁸ (T. 156, R. 61).....	144	235	143
				Webster township.....	334	.....	.....
Pierce County.....	9,740	4,765	6,905	Ransom County.....	10,345	6,919	5,393
Alexander township ⁷ (T. 152, R. 72).....	345	347	.....	Aliceton township ¹¹ (T. 133, R. 55).....	284	185	200
Antelope Lake township ⁸ (T. 152, R. 74).....	288	32	.....	Alleghany township ⁸ (T. 133, R. 57).....	235	114	153
Barton township ⁹ (T. 158, R. 74).....	300	243	.....	Bale township ⁹ (T. 133, R. 56).....	210	117	156
Barton village ⁹	202	.....	.....	Big Bend township ²³ (T. 134, R. 55).....	277	180	112
Elling township ⁷ (T. 153, R. 74).....	262	2	.....	Casey township.....	395	311	328
Elverum township ¹⁰ (T. 154, R. 72).....	228	32	.....	Coburn township.....	126	107	155
Jefferson township ¹¹ (T. 155, R. 74).....	320	200	.....	Elliott township ¹⁰ (T. 134, R. 57).....	304	138	174
Ness township ⁷ (T. 156, R. 74).....	413	280	.....	Enderlin city.....	1,540	636	.....
Reno Valley township ¹² (T. 155, R. 72).....	325	142	.....	Ward 1.....	403	.....	.....
Rosedale township ⁷ (T. 153, R. 72).....	128	42	.....	Ward 2.....	536	.....	.....
Rugby city ¹³	1,630	487	.....	Ward 3.....	672	.....	.....
Ward 1.....	616	.....	.....	Fort Ransom township.....	574	402	402
Ward 2.....	644	.....	.....	Greene township ⁸ (T. 136, R. 54).....	221	215	223
Ward 3.....	671	.....	.....	Hanson township ⁸ (T. 134, R. 58).....	360	190	136
Tuscarora township ¹¹ (T. 155, R. 73).....	360	154	.....	Island Park township ²⁴ (T. 134, R. 56).....	276	163	146
White township ¹⁴ (T. 151, R. 74).....	263	165	.....	Liberty township.....	279	278	310
Wolford township ¹⁶ (T. 158, R. 70).....	475	50	.....	Lisbon city.....	1,768	1,046	935
Township 151, range 72.....	382	406	.....	Ward 1.....	615	.....	.....
Township 151, range 73.....	289	199	.....	Ward 2.....	672	.....	.....
Township 152, range 73.....	133	55	.....	Ward 3.....	581	.....	.....
Township 153, range 73.....	178	24	.....	Moore township.....	319	287	181
Township 154, range 73.....	187	109	.....	Northland township ²⁵	347	336	276
Township 154, range 74.....	192	31	.....	Owego township.....	203	213	126
Township 156, range 72.....	294	189	.....	Preston township ¹⁰ (T. 133, R. 58).....	359	304	214
Township 156, range 73.....	297	157	.....	Roland township ¹⁰ (T. 133, R. 58).....	187	71	82
Township 157, range 69.....	229	209	.....	Rosemead township.....	233	175	26
Township 157, range 70.....	150	110	.....	Sandown township ²² (T. 134, R. 63).....	181	88	16
Township 157, range 71.....	205	49	.....	Sheldon village.....	358	318	253
Township 157, range 72.....	246	245	.....	Shenford township.....	413	388	385
Township 157, range 73.....	233	193	.....	Springer township.....	301	271	245
Township 157, range 74.....	311	137	.....	Sydna township.....	209	142	91
Township 158, range 69.....	201	161	.....	Tuller township ⁸ (T. 135, R. 56).....	236	167	128
Township 158, range 71.....	219	132	.....	Township 134, range 54 (part of).....	(²⁶)	77	.....
Township 158, range 72.....	196	36	.....			
Township 158, range 73.....	269	147	.....			
Ramsey County.....	15,199	9,198	4,418	Renville County²⁷.....	7,840	(²⁸)	.....
Bartlett township ¹⁶	359	266	208	Brandon township ²⁸ (school) (T. 161, R. 84).....	207	.....	.....
Bartlett village ¹⁶	120	.....	.....	Callahan township (school) (T. 159, R. 85).....	312	48	.....
Bergen township ¹⁷	204	187	116	Clay township (school) (T. 160, R. 84).....	187	.....	.....
Brocket village ¹⁸	186	.....	.....	Colquhoun township ²⁹ (school) (T. 163, R. 85, and frac. T. 164, R. 85).....	228	.....	.....
Cato township (school).....	153	62	41				

¹ Cavalier town, incorporated as a city and made independent of Cavalier township in 1902.

² Exclusive of population of Cavalier town.

³ Name changed from Liberty in 1904.

⁴ Walhalla village returned with Walhalla township in 1900.

⁵ Exclusive of population of Walhalla village.

⁶ No comparison of population can be made; not returned by civil townships in 1900.

⁷ Organized in 1904.

⁸ Organized in 1906.

⁹ Barton township organized in 1905; Barton village incorporated from part of Barton township in 1906.

¹⁰ Organized in 1905.

¹¹ Organized in 1903.

¹² Organized in 1908.

¹³ Incorporated as a city in 1906.

¹⁴ Organized in 1902.

¹⁵ Organized in 1907.

¹⁶ Bartlett village incorporated from part of Bartlett township in 1904.

¹⁷ Starkweather village incorporated from part of Bergen township in 1903.

¹⁸ Brocket village incorporated from part of Lillehoff township in 1907.

¹⁹ Crary village incorporated from part of Stevens township in 1904.

²⁰ Fancher township organized in 1901; Edmore village incorporated from part of Fancher township in 1902.

²¹ Minnewaukan and South Minnewaukan townships returned as Minnewaukan township in 1900.

²² Organized in 1901.

²³ Organized in 1900.

²⁴ Organized in 1909.

²⁵ Name changed from Bear Creek in 1904.

²⁶ No population reported.

²⁷ Organized from part of Ward County in 1910.

²⁸ Comparison of population for 1900 made by townships wherever possible.

²⁹ Part taken to form Mohall city in 1908.

³⁰ Part taken to form Sherwood village in 1905.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Renville County—Continued.				Rolette County	9,558	17,995	18,242
Eden Valley township (school) (T. 163, R. 84, and frac. T. 164, R. 84).....	317	.....	.....	Brown township (school) (T. 161, R. 71).....	262	289	.....
Ensign township ¹ (school) (T. 158, R. 82).....	243	5	.....	Carpenter township ¹⁹ (school) (T. 163, R. 72, and frac. T. 164, R. 72).....	172	.....	.....
Fairbanks township (school) (T. 161, R. 87).....	521	185	.....	Currie township ²⁰ (school) (T. 161, R. 73).....	151	133	.....
Glenburn village ¹	268	.....	.....	Dewey township (school) (T. 159, R. 72).....	253	146	.....
Grassland township (school) (T. 160, R. 85).....	239	39	.....	Dunseith city ²¹	478	.....	.....
Grover township (school) (T. 162, R. 86).....	212	22	.....	Ellsworth township ²² (school) (T. 160, R. 69).....	226	147	.....
Hamerly township (school) (T. 162, R. 85).....	215	.....	.....	Fairview township (T. 163, R. 69, and frac. T. 164, R. 69).....	242	314	.....
Hamlet township (school) (T. 161, R. 85).....	227	16	.....	Gilbert township ²¹ (T. 162, R. 73).....	214	256	.....
Hurley township (school) (T. 162, R. 84).....	271	.....	.....	Hillside township ¹⁹ (school) (T. 162, R. 72).....	198	.....	.....
Ivanhoe township (school) (T. 159, R. 86).....	272	35	.....	Hutchinson township ²³ (T. 163, R. 71, and frac. T. 164, R. 71).....	295	67	.....
Lockwood township (school) (T. 159, R. 84).....	198	13	.....	Island Lake township (school) (T. 159, R. 70, part of).....	127	102	.....
McKinney township ² (school) (T. 161, R. 86).....	329	81	.....	Kohlmeier township ²⁴ (T. 160, R. 73).....	269	167	.....
Mohall city ³	493	.....	.....	Leonard township ²⁵ (school) (T. 160, R. 71).....	301	105	.....
Muskego township (school) (T. 158, R. 84).....	286	70	.....	Maryville township (school) (T. 161, R. 70).....	217	270	.....
Plain township (school) (T. 158, R. 85).....	292	.....	.....	Mountaintown township ¹⁹ (school) (T. 163, R. 73, and frac. T. 164, R. 73).....	313	.....	.....
Prescott township (school) (T. 158, R. 81).....	251	2	.....	Mount Pleasant township (T. 162, R. 69).....	276	292	.....
Prosperity township (school) (T. 163, R. 86, and frac. T. 164, R. 86).....	280	.....	.....	Mylo village ²²	98	.....	.....
Rockford township (school) (T. 162, R. 87).....	331	62	.....	Northern township (school) (frac. T. 164, R. 70).....	54	300	.....
Roosevelt township (school) (T. 160, R. 86).....	279	90	.....	Oxford township (school) (T. 161, R. 69).....	302	205	.....
Sherwood village ⁴	328	.....	.....	Pleasant Valley township (school) (T. 159, R. 69).....	291	236	.....
Stafford township (school) (T. 163, R. 87, and frac. T. 164, R. 87).....	349	82	.....	Rices township ²⁶ (T. 159, R. 71).....	301	172	.....
Tolley village ¹	250	.....	.....	Rolette village ²⁵	408	.....	.....
Van Buren township (school) (T. 158, R. 83).....	266	11	.....	Rolla city.....	587	400	255
White Ash township (school) (T. 158, R. 86).....	189	13	.....	Russell township ²⁷ (school) (T. 161, R. 72).....	224	163	.....
Richland County	19,669	17,387	10,751	St. John township ²⁸ (school) (T. 163, R. 70).....	397	400	.....
Abercrombie township ⁶	678	1,002	787	St. John village ²⁸	424	.....	.....
Abercrombie village ⁶	299	.....	.....	Scotch Block township (school) (T. 159, R. 70, part of).....	61	66	.....
Antelope township.....	293	108	.....	South Valley township (school).....	227	123	.....
Barney township ⁷	433	287	.....	Thorne village ²⁷	105	.....	.....
Barrie township.....	349	374	309	Union township (school) (T. 160, R. 70).....	187	320	.....
Belford township.....	315	346	565	Wolf Creek township (school) (T. 160, R. 72).....	296	179	.....
Brandenburg township ⁸	369	552	422	Turtle Mountain Indian Reservation (T. 162, Rs. 70 and 71).....	1,602	2,393	.....
Brightwood township.....	303	324	306	Sargent County	9,202	6,039	5,076
Center township.....	359	383	676	Bowen township.....	276	203	159
Collax township.....	580	653	335	Brampton township.....	297	162	205
Danton township.....	263	317	205	Cayuga village ²⁹	175	.....	.....
De Villo township.....	340	283	265	Cogswell village ³⁰	418	.....	.....
Dexter township.....	329	238	276	Ward 1.....	180	.....	.....
Duer township ⁹	694	615	771	Ward 2.....	190	.....	.....
Dwight township.....	584	623	714	Ward 3.....	108	.....	.....
Eagle township.....	723	791	659	Denver township.....	255	139	147
Elma township.....	375	247	334	Dunbar township.....	303	218	185
Fairmount township.....	320	439	328	Forman town.....	352	257	178
Freeman township.....	387	284	91	Forman township.....	212	106	151
Freeman township ¹⁰	165	171	(⁶)	Hall township.....	465	408	311
Grant township.....	277	293	.....	Harlem township.....	230	140	305
Great Bend village ⁸	101	373	.....	Havana village ³¹	387	.....	.....
Greendale township ¹¹	355	387	.....	Herman township.....	322	285	216
Hankinson village.....	1,503	713	.....	Jackson township.....	237	170	132
Halendale township.....	208	229	102	Kingston township ³²	504	328	311
Homestead township.....	159	187	.....	Marboe township ³³	272	222	.....
Ibsen township.....	288	268	.....	Milnor town.....	641	322	279
La Mars township.....	287	231	.....	Ward 1.....	161	.....	.....
Liberty Grove township ¹²	336	327	.....	Ward 2.....	199	.....	.....
Lidgerwood city ¹³	1,019	585	.....	Ward 3.....	281	.....	.....
Mooreton township.....	367	344	.....	Milnor township.....	256	195	157
Moran township.....	386	312	.....	Ransom township ³⁴	276	291	416
Nansen township ¹⁴	269	228	121	Rutland township ³⁵	204	228	236
Sheyenne township.....	181	209	241	Rutland village ³⁶	224	.....	.....
Summit township.....	570	612	511	Sargent township ³⁰	256	318	224
Viking township.....	185	169	.....	Shuman township.....	342	338	343
Wahpeton city.....	2,467	2,228	1,510	Southwest township.....	112	74	151
Ward 1.....	572	.....	.....	Taylor township.....	210	167	142
Ward 2.....	653	.....	.....	Tewaukon township.....	376	271	.....
Ward 3.....	519	.....	.....	Verder township.....	251	216	206
Ward 4.....	733	.....	.....	Vivian township.....	396	261	186
Walcott township.....	1,055	1,003	1,060	Weber township ³¹	261	402	222
Waldo township.....	221	171	.....	Whitestone Hill township.....	403	204	125
West End township ¹⁵	123	127	(⁶)	Wiley township.....	289	114	89
Wyndmere township ¹⁶	254	244	.....			
Wyndmere village ¹⁶	439	.....	.....		
Ward 1.....	81	.....	.....		
Ward 2.....	142	.....	.....		
Ward 3.....	216	.....	.....		

¹ Glenburn village incorporated from part of Ensign township (school) in 1904.² Tolley village incorporated from part of McKinney township (school) in 1906.³ Incorporated from part of Brandon township (school) in 1908.⁴ Incorporated from part of Colquhoun township (school) in 1905.⁵ County total includes population (203) of Freeman and West End townships (school), not returned separately in 1890.⁶ Abercrombie village incorporated from part of Abercrombie township in 1902.⁷ Name changed from Garfield in 1906.⁸ Great Bend village incorporated from part of Brandenburg township in 1908.⁹ Name changed from Park in 1906.¹⁰ Returned as Freeman township (school) in 1900.¹¹ Name changed from Greenfield in 1906.¹² Name changed from Liberty in 1906.¹³ Incorporated as a city in 1901.¹⁴ Name changed from Grafton in 1906.¹⁵ Returned as West End Mellum township (school) in 1900.¹⁶ Wyndmere village incorporated from part of Wyndmere township in 1905.¹⁷ County total includes population (750) of Dunseith township (school), taken to form Carpenter, Hillside, and Mountain townships (school) since 1900.¹⁸ No comparison of population can be made; numerous changes made between 1890 and 1900.¹⁹ Organized from part of Dunseith township (school) since 1900.²⁰ Civil township organization dissolved since 1900.²¹ Dunseith city incorporated from part of Gilbert township in 1907.²² Mylo village incorporated from part of Ellsworth township (school) in 1907.²³ Organized in 1908.²⁴ Name changed from Cleveland in 1904.²⁵ Rolette village incorporated from part of Leonard township (school) in 1907.²⁶ Organized from Ox Creek township (school) in 1908.²⁷ Thorne village incorporated from part of Russell township (school) in 1907.²⁸ St. John village incorporated from part of St. John township (school) in 1903.²⁹ Incorporated from parts of Kingston and Ransom townships in 1909.³⁰ Cogswell village incorporated from part of Sargent township in 1905.³¹ Havana village incorporated from part of Weber township in 1904.³² Part taken to form part of Cayuga village in 1909.³³ Name changed from Lake in 1903.³⁴ Parts taken to form parts of Rutland and Cayuga villages in 1908 and 1909, respectively.³⁵ Part taken to form part of Rutland village in 1908.³⁶ Incorporated from parts of Ransom and Rutland townships in 1908.

STATISTICS OF POPULATION.

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TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Sheridan County¹	8,103	(²)	.....	Steele County	7,616	5,888	3,777
Berlin township (school) (T. 149, R. 74).....	292	407	.....	Beaver Creek township ¹⁴	352	334	252
Boone township (school) (T. 147, R. 74).....	258	67	.....	Broadlawn township.....	320	285	177
Cransville township (school) (T. 149, R. 76).....	329	66	.....	Carpenter township ¹⁵	200	155	96
Denhoff township ³ (T. 146, R. 75).....	332	33	.....	Colgate township.....	329	170	125
Edgemont township ⁴ (T. 145, R. 78).....	153	.....	.....	Easton township.....	220	176	91
Fairview township (school) (T. 148, R. 74).....	273	125	.....	Edendale township.....	259	245	150
Georgetown township ⁵ (T. 150, R. 75).....	307	162	.....	Enger township.....	379	450	422
Goodrich township ⁶ (school) (T. 146, R. 74).....	280	40	.....	Finley township ¹⁶	267	359	92
Goodrich village ⁸	410	.....	.....	Finley village ¹⁷	516	.....	.....
Hellman township (school) (T. 147, R. 76).....	181	.....	.....	Ward 1.....	98	.....	.....
Herr township (school) (T. 148, R. 77).....	296	14	.....	Ward 2.....	69	.....	.....
Holmes township (school) (T. 148, R. 78).....	185	.....	.....	Ward 3.....	83	.....	.....
Horse Lake township (school) (T. 145, R. 76).....	181	7	.....	Ward 4.....	135	.....	.....
Johns Lake township ⁹ (T. 145, R. 77).....	134	.....	.....	Ward 5.....	181	.....	.....
Lamont township ⁷ (T. 146, R. 76).....	202	2	.....	Franklin township ¹⁸	252	255	175
Lincoln township (school) (T. 148, R. 76).....	392	197	.....	Golden Lake township.....	328	289	109
McClusky township ⁸ (school) (T. 146, R. 77).....	176	.....	.....	Greenview township.....	242	180	143
McClusky village ⁸	517	.....	.....	Hope city ¹⁹	909	606	238
Ward 1.....	139	.....	.....	Ward 1.....	348	.....	.....
Ward 2.....	187	.....	.....	Ward 2.....	265	.....	.....
Ward 3.....	191	.....	.....	Ward 3.....	301	.....	.....
Martin township (school) (T. 150, R. 74).....	566	281	.....	Hugo township ²⁰	179	113	116
Mauch township (school) (T. 145, R. 74).....	215	62	.....	Melrose township.....	317	156	73
Mountain City township (school) (T. 147, Rs. 77 and 78).....	417	11	.....	Newburg township.....	522	554	541
Nev. Germantown township (school) (T. 149, R. 75).....	316	143	.....	Primrose township.....	350	337	316
Pickard township (school) (T. 146, R. 78).....	85	17	.....	Riverside township.....	221	175	134
Rosenfield township (school) (T. 150, R. 76).....	326	124	.....	Sharon township ²¹	277	334	125
Saxon township (school) (T. 147, R. 75).....	231	19	.....	Sharon village ²²	304	.....	.....
Schiller township (school) (T. 148, R. 75).....	325	121	.....	Ward 1.....	42	.....	.....
Strassburg township (school) (T. 150, R. 77).....	305	78	.....	Ward 2.....	42	.....	.....
White township (school) (T. 145, R. 75).....	213	7	.....	Ward 3.....	83	.....	.....
Township 149, range 77.....	206	14	.....	Ward 4.....	86	.....	.....
				Ward 5.....	51	.....	.....
				Sherbrooke township.....	303	250	152
				Westfield township.....	320	292	145
				Willow Lake township.....	250	173	105
Stark County⁹	12,504	10,621	11,230	Stutsman County	18,189	11,143	11,266
Dickinson city.....	3,678	2,076	897	Ashland township ⁶ (T. 142, R. 63).....	249	.....	.....
Ward 1.....	695	.....	.....	Bloom township (T. 140, Rs. 63 and 64, part of).....	192	.....	.....
Ward 2.....	474	.....	.....	Buchanan township ⁶ (T. 141, R. 64).....	190	.....	.....
Ward 3.....	455	.....	.....	Casson township ⁷ (T. 139, R. 62).....	157	.....	.....
Ward 4.....	786	.....	.....	Chicago township ⁴ (T. 139, R. 68).....	162	.....	.....
Ward 5.....	619	.....	.....	Corinne township (T. 144, R. 62).....	200	.....	.....
Ward 6.....	749	.....	.....	Corwin township ⁸ (T. 138, R. 63).....	137	.....	.....
Rader township ⁴ (T. 138, R. 95).....	147	109	15	Courtenay township ²³ (T. 143, R. 62).....	215	.....	.....
Richardton village ¹²	647	.....	.....	Courtenay village ²⁴	539	.....	.....
Township 137, range 91.....	209	159	.....	Cusator township ⁵ (T. 138, R. 66).....	81	.....	.....
Township 137, range 92.....	249	132	19	Deer Lake township ⁴ (T. 141, R. 66).....	168	.....	.....
Township 137, range 93.....	267	46	.....	Denny township ⁴ (T. 142, R. 60).....	98	.....	.....
Township 137, range 94.....	210	148	.....	Durham township ⁵ (T. 143, R. 63).....	259	.....	.....
Township 137, range 95.....	299	58	.....	Edmunds township ⁷ (T. 144, R. 65).....	223	.....	.....
Township 137, range 96.....	346	69	.....	Eldridge township ⁴ (T. 140, R. 68).....	161	.....	.....
Township 137, range 97.....	207	48	.....	Flint township ⁴ (T. 140, R. 68).....	180	.....	.....
Township 137, range 98.....	219	.....	.....	Glacier township ⁵ (T. 144, R. 67).....	147	.....	.....
Township 137, range 99.....	214	41	.....	Griffin township ⁴ (T. 137, R. 67).....	278	.....	.....
Township 138, range 91.....	218	234	77	Homer township ⁴ (T. 139, R. 63).....	935	.....	.....
Township 138, range 92.....	189	209	43	Iosco township ⁵ (T. 141, R. 68).....	164	.....	.....
Township 138, range 93.....	188	82	4	Jamestown city.....	4,358	2,853	2,296
Township 138, range 94.....	259	63	10	Ward 1.....	1,192	.....	.....
Township 138, range 96.....	246	60	.....	Ward 2.....	1,437	.....	.....
Township 138, range 97.....	196	20	.....	Ward 3.....	813	.....	.....
Township 138, range 98.....	157	12	.....	Ward 4.....	911	.....	.....
Township 138, range 99.....	126	.....	.....	Kensal township ²⁵ (T. 144, R. 64).....	197	.....	.....
Township 139, range 91.....	249	211	81	Kensal village ²⁶	456	.....	.....
Township 139, range 92 ¹²	199	385	142	Ward 1.....	158	.....	.....
Township 139, range 93.....	251	162	131	Ward 2.....	185	.....	.....
Township 139, range 94.....	288	187	156	Ward 3.....	113	.....	.....
Township 139, range 95.....	269	66	39	Lippert township ⁴ (T. 139, R. 65).....	119	.....	.....
Township 139, range 96.....	133	81	.....	Lyon township ⁴ (T. 143, R. 64).....	198	.....	.....
Township 139, range 97.....	157	63	.....	Manns township ⁴ (T. 137, R. 62).....	168	.....	.....
Township 139, range 98.....	225	36	.....	Marston Moor township ⁴ (T. 142, R. 69).....	147	.....	.....
Township 139, range 99.....	491	48	.....	Medina village ²⁸	343	.....	.....
Township 140, range 91.....	100	128	53	Midway township ⁴ (T. 140, R. 64, part of).....	126	.....	.....
Township 140, range 92.....	158	125	50	Montpelier township ⁴ (T. 137, R. 63).....	267	.....	.....
Township 140, range 93.....	344	205	91	Newbury township ⁴ (T. 138, R. 69).....	173	.....	.....
Township 140, range 94.....	128	119	53	Nogosek township (T. 144, R. 63).....	231	.....	.....
Township 140, range 95.....	159	58	54	Paris township ⁴ (T. 142, R. 67).....	155	.....	.....
Township 140, range 96.....	260	205	.....	Pingree township ⁴ (T. 143, R. 65).....	334	.....	.....
Township 140, range 97.....	232	237	.....	Pleasant Valley township ⁴ (T. 143, R. 66).....	154	.....	.....
Township 140, range 98.....	186	92	.....	Plainview township ⁴ (T. 142, R. 65).....	116	.....	.....
Township 140, range 99.....	200	65	.....	Rose township ⁴ (T. 141, R. 62).....	170	.....	.....
Township 141, range 91 (part of).....	100	(¹³)	.....	Sharlow township ⁶ (T. 137, R. 65).....	166	.....	.....
Township 141, range 92 (part of).....	50	(¹³)	.....			
Township 141, range 93 (part of).....	54	(¹³)	.....			

¹ Organized from part of McLean County in 1909.² Comparison of population for 1900 made by townships wherever possible.³ Organized in 1905.⁴ Organized in 1908.⁵ Organized in 1909.⁶ Goodrich village incorporated from part of Goodrich township (school) in 1906.⁷ Organized in 1907.⁸ McClusky village incorporated from part of McClusky township (school) in 1906.⁹ Parts taken to form Adams and Hettinger Counties in 1907 and parts of McKenzie and Dunn Counties in 1905 and 1908, respectively.¹⁰ County total includes population (1,343) of territory taken to form Adams, Hettinger, and parts of Dunn and McKenzie Counties since 1900; and population (239) of T. 141, Rs. 91 to 93, now in Dunn and Stark Counties.¹¹ County total includes population (389) of that part of county not returned by townships and ranges in 1890.¹² Richardton village incorporated from part of T. 139, R. 92, in 1906.¹³ Not returned separately in 1900.¹⁴ Name changed from Norway in 1904.¹⁵ Name changed from Hope in 1904.¹⁶ Name changed from Highland in 1904. Part taken to form Finley village in 1903.¹⁷ Incorporated from part of Finley township in 1903.¹⁸ Name changed from Bergen in 1904.¹⁹ Incorporated as a city in 1904.²⁰ Name changed from Lincoln in 1904.²¹ Name changed from Norman in 1904. Part taken to form Sharon village in 1909.²² Incorporated from part of Sharon township in 1909.²³ No comparison of population can be made; not returned by civil townships in 1900 and 1890.²⁴ Courtenay village incorporated from part of Courtenay township in 1902.²⁵ Kensal village incorporated from part of Kensal township in 1908.²⁶ Incorporated from part of T. 140, R. 68, in 1906.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Stutsman County—Continued.				Traill County—Continued.			
St. Paul township ¹ (T. 139, R. 69).....	187			Eldorado township.....	380	413	429
Sinclair township ¹ (T. 138, R. 67).....	208			Elm River township.....	238	258	268
Spiritwood township (T. 140, R. 62).....	264			Ervin township.....	366	430	359
Stirton township ¹ (T. 139, R. 67).....	190			Galesburg township.....	450	438	281
Valley Spring township ¹ (T. 141, R. 67).....	218			Garfield township.....	547	512	579
Walters township ¹ (T. 144, R. 66).....	135			Hatton city ²¹	666	430	
Weld township ¹ (T. 140, R. 67).....	315			Ward 1.....	171		
Windsor township ¹ (T. 140, R. 66).....	112			Ward 2.....	340		
Ypsilanti township ¹ (T. 138, R. 62).....	241			Ward 3.....	155		
Township 137, range 64.....	172			Herberg township ²²	218		
Township 137, range 66.....	148			Hillsboro city.....	1,237	1,172	715
Township 137, range 68.....	252			Ward 1.....	220		
Township 137, range 69.....	437			Ward 2.....	484		
Township 138, range 64.....	135			Ward 3.....	533		
Township 138, range 65.....	76			Hillsboro township.....	225	264	195
Township 138, range 68.....	158			Kelso township.....	320	288	243
Township 139, range 64.....	191			Mayville city.....	1,070	1,106	657
Township 139, range 66.....	93			Ward 1.....	283		
Township 140, range 69.....	155			Ward 2.....	313		
Township 141, range 63.....	165			Ward 3.....	474		
Township 141, range 65.....	101			Mayville township.....	666	703	634
Township 141, range 69.....	120			Morgan township.....	368	384	288
Township 142, range 62.....	207			Norman township.....	375	465	270
Township 142, range 64.....	160			Norway township.....	422	470	452
Township 142, range 68.....	205			Portland town.....	561	524	367
Township 143, range 67.....	143			Reynolds city (ward 3).....	253	216	
Township 143, range 68.....	169			[For total, see Grand Forks County.]			
Township 143, range 69.....	156			Roseville township.....	701	740	812
Township 144, range 69.....	224			Stavanger township ¹⁹	420		
Township 144, range 69.....	249			Wold township ²³	317	373	263
Towner County.....	8,863	6,491	2,450	Walsh County.....	19,491	20,288	16,587
Armourdale township ³ (T. 162, R. 67).....	272	205	32	Acton township.....	378	526	540
Atkins township ¹ (T. 157, R. 67).....	192	170	8	Adams township ²⁴	334	359	105
Bisbee village ⁵	444			Adams village ²⁴	338		
Bryan township ¹ (T. 163, R. 66, and frac. T. 164, R. 66).....	213	182	6	Ardoch township.....	467	552	473
Cando city ⁴	1,332	1,061	200	Ardoch village.....	271	298	214
Coolin township ¹ (T. 157, R. 65).....	138	199		Cleveland township.....	343	291	278
Crocus township ¹ (T. 160, R. 66).....	259	237	4	Conway village.....	184	216	
Egeland village ⁸	266			Dewey township ¹⁶ (T. 157, R. 59).....	203	148	91
Ward 1.....	98			Dundee township.....	392	457	535
Ward 2.....	129			Eden township.....	249	307	410
Ward 3.....	39			Edinburg village.....	300	286	
Grainfield township ⁹ (T. 160, R. 68).....	234	170	95	Fairdale village ²⁵	140		
Howell township ⁷ (T. 161, R. 67).....	258	180	3	Farmington township.....	358	528	477
Maza township ¹⁰ (T. 157, R. 66).....	174	206		Fertile township.....	472	543	564
Monroe township ¹ (T. 161, R. 68).....	228	138	5	Forest River township.....	352	379	586
Mount Pleasant township ³ (T. 162, R. 65).....	187	149		Forest River village.....	233	252	
Mount View township ¹ (T. 162, R. 68).....	278	296	22	Glenwood township.....	420	553	619
Olson township ⁷ (T. 158, R. 67).....	195	161	10	Golden township.....	316	346	346
Peno township ¹¹ (T. 158, R. 65).....	160	191	73	Grafton city.....	2,229	2,378	1,694
Perth village ¹²	221			Ward 1.....	674		
Picton township (school) (T. 163, R. 68, and frac. T. 164, R. 68).....	193	161	80	Ward 2.....	533		
Rock Lake township ¹³ (T. 162, R. 66).....	190	197		Ward 3.....	501		
Rock Lake village ¹³	194			Ward 4.....	521		
Sarles village ¹⁴ (part of).....	24			Grafton township.....	666	609	650
[For total, see Cavalier County.]				Harrison township.....	384	403	360
Sidney township ¹ (T. 163, R. 67, and frac. T. 164, R. 67).....	408	165	69	Hoople village.....	175	174	
Springfield township ¹⁶ (T. 157, R. 68).....	205	433		Kensington township.....	386	414	495
Teddy township ¹⁶ (T. 161, R. 65).....	244	175		Kinloss township ²⁶	315	322	135
Twin Hill township ⁷ (T. 160, R. 65).....	227	102		Lampton township.....	302	359	510
Victor township ⁸ (T. 159, R. 65).....	318	150		Lankin village ²⁷	341		
Virginia township ¹⁶ (T. 161, R. 66).....	266	161		Latona township.....	288	198	218
Zion township ³ (T. 158, R. 68).....	310	300	36	Martin township.....	329	430	373
Township 153, range 66.....	133	211	157	Medford township.....	373	226	243
Township 159, range 66.....	109	150	81	Minto city ²⁷	701	860	467
Township 159, range 67.....	217	208	68	Ward 1.....	195		
Township 159, range 68.....	241	200	127	Ward 2.....	230		
Township 160, range 67.....	266	152	49	Ward 3.....	276		
Township 163, range 65 ¹⁴	194	102	7	Norton township ²⁸	385	312	236
Fractional township 164, range 65.....	48	29	5	Oakwood township.....	421	564	581
				Ops township.....	303	326	353
				Park River city.....	1,008	1,088	534
				Ward 1.....	268		
				Ward 2.....	207		
				Ward 3.....	533		
Traill County.....	12,545	13,107	10,217	Perth township.....	323	245	178
Belmont township ¹⁷	283	506	488	Pisek village.....	312	132	
Bingham township ¹⁸	314			Prarie Center township.....	516	567	589
Blanchard township.....	343	393	576	Pulasid township.....	620	663	632
Bloomfield township.....	251	309		Rushford township.....	265	430	396
Bohnsack township.....	462	610	397	St. Andrews township.....	296	500	413
Buxton township ¹⁹	668	1,110	1,021	Sauter township.....	248	219	119
Caledonia township ²⁰	424	993	933	Shepherd township ¹⁰ (T. 156, R. 59).....	369	353	49
				Silvesta township.....	346	340	271

¹ Organized in 1908.
² County total includes population (313) of that part of county not returned by townships in 1900.
³ Organized in 1905.
⁴ Organized in 1902.
⁵ Bisbee village incorporated from part of T. 159, R. 68, in 1900.
⁶ Incorporated as a city in 1901.
⁷ Organized in 1908.
⁸ Victor township organized in 1906; Egeland village incorporated from part of Victor township in 1906.
⁹ Returned as Greenfield in 1900.
¹⁰ Organized in 1900.
¹¹ Organized in 1909.
¹² Incorporated since 1900.
¹³ Rock Lake township organized in 1906; Rock Lake village incorporated from part of Rock Lake township in 1906.
¹⁴ Sarles village incorporated from part of T. 163, R. 65, in 1906.
¹⁵ Organized in 1901.
¹⁶ Organized in 1907.
¹⁷ Part taken to form part of Bingham township in 1909.
¹⁸ Organized from parts of Belmont and Caledonia townships in 1909.
¹⁹ Stavanger township organized from part of Buxton township in 1908.
²⁰ Parts taken to form Herberg and part of Bingham townships in 1909.
²¹ Incorporated as a city in 1905.
²² Organized from part of Caledonia township in 1909.
²³ Name changed from Logan in 1904.
²⁴ Adams village incorporated from part of Adams township in 1906.
²⁵ Fairdale village incorporated from part of Kinloss township in 1907.
²⁶ Lankin village incorporated from part of Norton township in 1908.
²⁷ Incorporated as a city in 1903.

STATISTICS OF POPULATION.

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TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Walsh County—Continued.				Ward County—Continued.			
Tiber township.....	400	455	415	Spencertownship (school) (T. 159, R. 89).....	438	109	.....
Vernon township.....	300	347	230	Surrey township (school) (T. 155, R. 81).....	528	39	.....
Vesta township.....	383	401	428	Tatman township (school) (T. 157, R. 82).....	230	9	.....
Walsh Center township.....	346	425	356	Tolgan township (school) (T. 154, R. 86).....	148	2	.....
Walshville township.....	411	507	443	Torning township (school) (T. 153, R. 84).....	297	5	.....
Ward County¹.....				Vang township (school) (T. 153, R. 85).....	172	35	.....
	25,281	27,961	21,681	Waterford township (school) (T. 157, R. 83).....	262	34	.....
Afton township (school) (T. 154, R. 83).....	207	38	.....	Willis township (school) (T. 153, R. 82).....	280	3	.....
Anna township ⁴ (T. 152, R. 86).....	121	3	.....	Township 151, range 84.....	190	19	.....
Baden township (school) (T. 159, R. 88).....	357	118	.....	Township 151, range 87 (part of).....	127	.....	.....
Berthold township ⁵ (school) (T. 156, R. 80).....	330	57	.....	Township 152, range 83.....	176	19	.....
Berthold village ⁶	454	.....	.....	Township 152, range 84.....	167	10	.....
Brilliant township (school) (T. 152, R. 81).....	337	8	.....	Township 153, range 81 ¹³	219	98	.....
Burlington township (school) (T. 155, R. 84).....	478	224	.....	Township 153, range 86.....	114	.....	.....
Burt township (school) (T. 154, R. 84).....	257	34	.....	Township 154, range 81.....	284	97	.....
Cameron township ⁷ (school) (T. 151, R. 85).....	148	1	.....	Township 154, range 82.....	228	122	.....
Carbondale township ⁸ (school) (T. 158, R. 87).....	348	82	.....	Wells County.....			
Carpio township ⁹ (school) (T. 157, R. 86).....	318	66	.....		11,814	8,810	14,123
Carpio village ⁸	257	.....	.....	Antelope township (school) (T. 146, R. 72).....	255	63	.....
Denmark township (school) (T. 161, R. 88).....	446	249	.....	Biledeau township ⁴ (T. 146, R. 68).....	211	54	.....
Des-Lacs township (school) (T. 155, R. 85).....	443	82	.....	Bowdon village ¹⁵	302	.....	.....
Donnybrook village ⁷	297	.....	.....	Ward 1.....	146	.....	.....
Ward 1.....	110	.....	.....	Ward 2.....	113	.....	.....
Ward 2.....	73	.....	.....	Ward 3.....	43	.....	.....
Ward 3.....	114	.....	.....	Bremen township (school) (T. 149, R. 68).....	220	222	.....
Douglas village ⁶	171	.....	.....	Buffalo township (school) (T. 146, R. 73).....	274	18	.....
Elmdale township (school) (T. 160, R. 89).....	380	287	.....	Cathay township ¹⁶ (school) (T. 147, R. 69).....	195	222	.....
Eureka township (school) (T. 156, R. 83).....	325	121	.....	Cathay village ¹⁶	225	.....	.....
Evergreen township (school) (T. 155, R. 87).....	142	20	.....	Cottonwood township (school) (T. 147, R. 70).....	160	142	.....
Foxholm township (school) (T. 156, R. 85).....	413	49	.....	Crystal Lake township (school) (T. 147, R. 73).....	142	92	.....
Freedom township (school) (T. 153, R. 83).....	225	1	.....	Delger township ¹⁷ (T. 147, R. 72).....	234	263	.....
Greeley township (school) (T. 151, R. 81).....	165	11	.....	Eureka township (school) (T. 145, R. 73).....	110	13	.....
Greenbush township (school) (T. 159, R. 87).....	202	90	.....	Fairview township (school) (T. 148, R. 68).....	243	214	.....
Harrison township ⁹ (school) (T. 155, R. 83).....	289	258	.....	Fessenden city ¹⁸	713	.....	.....
Iota Flat township (school) (T. 151, R. 82).....	336	2	.....	Forward township ¹⁹ (T. 149, R. 72).....	322	299	.....
Kenmare city ¹⁰	1,437	.....	.....	Fram township ²⁰ (T. 150, R. 71).....	468	299	.....
Ward 1.....	272	.....	.....	Germantown township (school) (T. 148, R. 69).....	254	240	.....
Ward 2.....	600	.....	.....	Grant township (school) (T. 145, R. 70).....	296	206	.....
Ward 3.....	665	.....	.....	Haaland township ¹⁶ (school) (T. 146, R. 71).....	227	348	.....
Kenmare township ¹⁰ (school) (T. 160, R. 88).....	443	485	.....	Hambury township (school) (T. 149, R. 69).....	278	282	.....
Kirkle township (school) (T. 156, R. 84).....	360	156	.....	Harvey city ²¹	1,443	.....	.....
Lund township (school) (T. 153, R. 87).....	226	.....	.....	Ward 1.....	608	.....	.....
McKinley township (school) (T. 156, R. 82).....	312	78	.....	Ward 2.....	431	.....	.....
Mandan township (school) (T. 155, R. 86).....	233	.....	.....	Ward 3.....	404	.....	.....
Margaret township (school) (T. 157, R. 81).....	190	4	.....	Hawks Nest township (school) (T. 145, R. 68).....	241	105	.....
Maryland township (school) (T. 156, R. 81).....	334	10	.....	Heimdal township ²² (T. 150, R. 70).....	306	239	.....
Mayland township ⁸ (school) (T. 157, R. 85).....	252	62	.....	Highland township (school) (T. 148, R. 71).....	216	233	.....
Minot city.....	6,188	1,277	575	Hillsdale township (school) (T. 150, R. 73).....	229	200	.....
Ward 1.....	1,078	.....	.....	Johnson township (school) (T. 145, R. 69).....	227	135	.....
Ward 2.....	1,434	.....	.....	Lincoln township (school) (T. 145, R. 71).....	216	135	.....
Ward 3.....	1,128	.....	.....	Manfred township ²³ (T. 149, R. 71).....	445	303	.....
Ward 4.....	440	.....	.....	Norway township (school) (T. 149, R. 70).....	352	283	.....
Ward 5.....	1,060	.....	.....	Ontario township (school) (T. 147, R. 71).....	156	148	.....
Ward 6.....	1,058	.....	.....	Oshkosh township ¹⁸ (school) (T. 143, R. 70).....	241	671	.....
Newman township (school) (T. 152, R. 82).....	364	10	.....	Pioneer township (school) (T. 149, R. 73).....	344	300	.....
North Minot village ⁹	432	.....	.....	Pony Gulch township (school) (T. 148, R. 73).....	311	250	.....
Norway township (school) (T. 155, R. 82).....	300	85	.....	Rusland township (school) (T. 148, R. 72).....	150	398	.....
Orlien township (school) (T. 152, R. 87, part of).....	141	.....	.....	Speedwell township ²⁴ (T. 146, R. 70).....	311	132	.....
Passport township (school) (T. 156, R. 87).....	239	5	.....	Sykeston township ²⁵ (school) (T. 146, R. 69).....	123	219	.....
Ree township (school) (T. 157, R. 87).....	204	.....	.....	Sykeston village ²⁵	276	.....	.....
Rice Lake township ¹¹ (T. 152, R. 85).....	193	6	.....	Ward 1.....	148	.....	.....
Rolling Green township (school) (T. 154, R. 85).....	207	9	.....	Ward 2.....	60	.....	.....
Rushville township ¹¹ (T. 151, R. 83).....	270	3	.....	Ward 3.....	78	.....	.....
Ryder township ¹² (school) (T. 151, R. 86).....	180	.....	.....	Valhalla township (school) (T. 150, R. 68).....	210	167	.....
Ryder village ¹²	338	.....	.....	Viking township (school) (T. 150, R. 69).....	316	244	.....
St. Marys township (school) (T. 157, R. 84).....	246	76	.....	Washington township (school) (T. 145, R. 72).....	123	35	.....
Sauk Prairie township (school) (T. 160, R. 87).....	291	203	.....	Wells township ²¹ (T. 150, R. 72).....	247	898	.....
Sawyer village ¹³	327	.....	.....	Woodward township (school) (T. 147, R. 68).....	202	237	.....
Shealey township ¹⁴ (T. 154, R. 87).....	118	.....	.....		

¹ Parts taken to form Mountrail County in 1909 and Burke and Renville Counties in 1910.² County total includes population (3,100) of territory taken to form Mountrail, Burke, and Renville Counties since 1900.³ No comparison of population can be made; not returned by townships in 1890.⁴ Organized in 1909.⁵ Berthold village incorporated from part of Berthold township (school) in 1903.⁶ Douglas village incorporated from part of Cameron township (school) in 1908.⁷ Donnybrook village incorporated from part of Carbondale township (school) in 1903.⁸ Carpio village incorporated from parts of Carpio and Mayland townships (school) in 1906.⁹ North Minot village incorporated from part of Harrison township (school) in 1909.¹⁰ Kenmare city incorporated from part of Kenmare township (school) in 1909.¹¹ Organized in 1910.¹² Ryder village incorporated from part of Ryder township (school) in 1907.¹³ Sawyer village incorporated from part of T. 153, R. 81, in 1908.¹⁴ No comparison of population for 1890 can be made; information as to changes in minor civil divisions incomplete.¹⁵ Bowdon village incorporated from part of Haaland township (school) in 1907.¹⁶ Cathay village incorporated from part of Cathay township (school) in 1907.¹⁷ Organized from Eddy township (school) in 1908.¹⁸ Fessenden city incorporated from part of Oshkosh township (school) in 1905.¹⁹ Organized from Whitby township (school) in 1908.²⁰ Organized in 1908.²¹ Harvey city incorporated from part of Wells township in 1901.²² Organized in 1907.²³ Organized from James River township (school) in 1900.²⁴ Organized in 1908.²⁵ Sykeston village incorporated from part of Sykeston township (school) in 1907.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Williams County¹	14,234	21,530		Williams County—Continued.			
Athens township ² (T. 157, R. 100)	114			Round Prairie township ³ (T. 154, R. 103)	175		
Barr Butte township ² (T. 159, R. 102)	102			Sauk Valley township ⁴ (T. 159, R. 95)	143		
Big Meadow township ² (T. 159, R. 96)	240			South Meadow township ⁵ (T. 158, R. 96)	136		
Big Stone township ⁴ (T. 159, R. 98)	51			Springbrook township ⁶ (T. 155, R. 99)	354		
Black Tail township ³ (T. 157, R. 101)	141			Stony Creek township ⁷ (Tps. 152, 153, R. 100 part of), and T. 154, R. 100)	239		
Bonetrail township ⁸ (T. 157, R. 102)	157			Tioga township ¹¹ (T. 157, R. 95)	238		
Brooklyn township ⁸ (T. 155, R. 98)	235			Tioga village ¹¹	203		
Buford township ⁹ (T. 152, Rs. 102 (part of), 103 (part of), and 104 (part of))	346			Tyone township ³ (T. 156, R. 101)	173		
Bull Butte township ³ (T. 156, R. 103, and frac. T. 156, R. 104)	198			West Bank township ⁴ (T. 156, R. 96)	181		
Champion township ⁵ (T. 157, R. 97)	88			Wheelock township ⁵ (T. 156, R. 98)	336		
Dry Fork township ³ (T. 155, R. 95)	191			Williston city	3,124	703	295
Dublin township ³ (T. 157, R. 99)	144			Ward 1	1,051		
East Fork township ⁴ (T. 156, R. 100)	176			Ward 2	925		
Ellisville township ³ (T. 158, R. 99)	178			Ward 3	1,148		
Equality township ⁷ (T. 156, R. 97)	245			Williston township ⁸ (T. 154, R. 101)	220		
Farmvale township ³ (T. 155, R. 96)	196			Township 153, range 98 (part of)	31		
Golden Valley township ⁶ (T. 157, R. 96)	236			Township 153, range 99 (part of)	121		
Hardscrabble township ³ (T. 153, R. 103)	127			Township 153, range 102 (part of)	249		
Hazel township ⁴ (T. 159, R. 97)	222			Fractional township 153, range 104	61		
Hebron township ³ (T. 155, R. 103, and frac. T. 155, R. 104)	284			Township 154, range 95 (part of)	113		
Judson township ⁴ (T. 154, R. 102)	245			Township 154, range 96 (part of)	143		
Lindahl township ³ (T. 158, R. 95)	231			Township 154, range 97 (part of)	57		
Marshall township ³ (T. 156, R. 99)	191			Township 154, range 98	102		
Missouri Ridge township ⁴ (T. 155, R. 101)	213			Township 154, range 99	185		
Mont township ⁴ (T. 155, R. 102)	196			Fractional township 154, range 104	41		
New Home township ⁶ (T. 158, R. 97)	96			Township 155, range 97	200		
Oliver township ⁴ (T. 157, R. 98)	86			Township 156, range 102	152		
Orthell township ³ (T. 158, R. 101)	218			Township 157, range 103	119		
Pherrin township ¹⁰ (T. 155, R. 100)	222			Township 158, range 100	172		
Pleasant Valley township ³ (T. 156, R. 95)	300			Township 158, range 102	197		
Rainbow township ⁶ (T. 158, R. 98)	100			Township 158, range 103	43		
Ray village ⁷	436			Township 159, range 100	104		
Rock Island township ³ (T. 159, R. 99)	174			Township 159, range 101	124		
				Township 159, range 103	59		

¹ Part taken to form Divide County in 1910.² No comparison of population can be made; returned by supervisors' districts in 1900.³ Organized in 1910.⁴ Organized in 1909.⁵ Organized in 1904.⁶ Organized in 1907.⁷ Equality township organized in 1904; Ray village incorporated from part of Equality township in 1909.⁸ Organized in 1905.⁹ Organized in 1908.¹⁰ Organized in 1906.¹¹ Tioga township organized in 1904; Tioga village incorporated from part of Tioga township in 1909.

TABLE 2.—POPULATION OF INCORPORATED PLACES: 1910, 1900, AND 1890.

CITY, TOWN, OR VILLAGE.	County.	1910	1900	1890	CITY, TOWN, OR VILLAGE.	County.	1910	1900	1890
Abercrombie village.....	Richland.....	299			Crosby village.....	Divide.....	206		
Adams village.....	Walsh.....	338			Crystal city.....	Pembina.....	376	385	
Ambrose village.....	Divide.....	320			Davenport village.....	Cass.....	226	245	
Anamoose village.....	McHenry.....	669			Dazey village.....	Barnes.....	265		
Aneta city.....	Nelson.....	654			Deerling village.....	McHenry.....	150		
Antler city.....	Bottineau.....	342			Devils Lake city.....	Ramsey.....	5,157	1,729	846
Ardoch village.....	Walsh.....	271	298	214	Dickey village.....	Lamoure.....	187		
Ashley village.....	McIntosh.....	682			Dickinson city.....	Stark.....	3,678	2,076	897
Balfour village.....	McHenry.....	399			Dogden village.....	McLean.....	320		
Bartlett village.....	Ramsey.....	120			Donnybrook village.....	Ward.....	297		
Barton village.....	Pierce.....	202			Douglas village.....	Ward.....	171		
Bathgate city.....	Pembina.....	328	641	377	Drake village.....	McHenry.....	348		
Beach village.....	Billings.....	1,003			Drayton city.....	Pembina.....	587	688	318
Berlin village.....	Lamoure.....	137			Dunseith city.....	Rolette.....	478		
Berthold village.....	Ward.....	454			Eckman village.....	Bottineau.....	84		
Binford village.....	Griggs.....	275			Edgeley village.....	Lamoure.....	749	306	
Bisbee village.....	Towner.....	444			Edinburg village.....	Walsh.....	300	286	
Bismarck city.....	Burleigh.....	5,443	3,319	2,186	Edmore village.....	Ramsey.....	344		
Bottineau city.....	Bottineau.....	1,331	888	145	Egeland village.....	Towner.....	266		
Bowbells city.....	Burke.....	651			Ellendale city.....	Dickey.....	1,389	750	761
Bowdon village.....	Wells.....	302			Enderlin city.....	Ransom.....	1,540	636	
Bowman village.....	Bowman.....	481			Esmond village.....	Benson.....	353		
Brinsmade village.....	Benson.....	203			Fairdale village.....	Walsh.....	140		
Brocket village.....	Ramsey.....	186			Fairmont village.....	Richland.....	387	284	91
Buffalo village.....	Cass.....	241	213	177	Fargo city.....	Cass.....	14,331	9,589	5,664
Cando city.....	Towner.....	1,332	1,061	200	Fessenden city.....	Wells.....	713		
Canton village.....	Pembina.....	115	98		Finley village.....	Steele.....	516		
Carpio village.....	Ward.....	257			Flaxton village.....	Burke.....	301		
Carrington city.....	Foster.....	1,217			Forbes village.....	Dickey.....	221		
Cassellton city.....	Cass.....	1,553	1,207	840	Forest River village.....	Walsh.....	233	252	
Cathay village.....	Wells.....	225			Forman town.....	Sargent.....	352	257	178
Cavalier city.....	Pembina.....	652	671		Fullerton village.....	Dickey.....	206		
Cayuga village.....	Sargent.....	175			Gardena village.....	Bottineau.....	119		
Churches Ferry village.....	Ramsey.....	457	264		Garrison village.....	McLean.....	406		
Cogswell village.....	Sargent.....	418			Glenburn village.....	Renville.....	268		
Columbus village.....	Burke.....	225			Glen Ullin village.....	Morton.....	921		
Conway village.....	Walsh.....	184	216		Goodrich village.....	Sheridan.....	410		
Cooperstown city.....	Griggs.....	1,019	648	368	Grafton city.....	Walsh.....	2,229	2,378	1,594
Courtenay village.....	Stutsman.....	539			Grand Forks city.....	Grand Forks.....	12,478	7,652	4,979
Crary village.....	Ramsey.....	279			Granville city.....	McHenry.....	455		

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TABLE 2.—POPULATION OF INCORPORATED PLACES: 1910, 1900, AND 1890—Continued.

CITY, TOWN, OR VILLAGE.	County.	1910	1900	1890	CITY, TOWN, OR VILLAGE.	County.	1910	1900	1890
Great Bend village.....	Richland.....	191	.....	.....	Oakes city.....	Dickey.....	1,496	668	379
Hague village.....	Emmons.....	183	.....	.....	Omamee village.....	Bottineau.....	332	.....	.....
Hamilton village.....	Pembina.....	213	224	257	Osnabrock village.....	Cavalier.....	253	.....	.....
Hankinson village.....	Richland.....	1,503	713	.....	Overly village.....	Bottineau.....	182	.....	.....
Hannaford village.....	Griggs.....	340	.....	.....	Page village.....	Cass.....	479	.....	.....
Harvey city.....	Wells.....	1,443	.....	.....	Palermo village.....	Mountrail.....	177	.....	.....
Hatton city.....	Trail.....	666	430	.....	Park River city.....	Walsh.....	1,008	1,088	534
Havana village.....	Sargent.....	387	.....	.....	Pembina city.....	Pembina.....	717	929	670
Hebron village.....	Morton.....	597	.....	.....	Perth village.....	Towner.....	221	.....	.....
Hettinger village.....	Adams.....	766	.....	.....	Petersburg village.....	Nelson.....	353	.....	.....
Hillsboro city.....	Trail.....	1,237	1,172	715	Pisak village.....	Walsh.....	312	132	.....
Hoople village.....	Walsh.....	175	174	.....	Plaza village.....	Mountrail.....	224	.....	.....
Hope city.....	Steele.....	909	606	238	Portal village.....	Burke.....	491	.....	.....
Hunter village.....	Cass.....	365	407	194	Portland town.....	Trail.....	561	524	367
Inkster city.....	Grand Forks.....	353	.....	.....	Ray village.....	Williams.....	436	.....	.....
Jamestown city.....	Stutsman.....	4,358	2,853	2,296	Reeder village.....	Adams.....	198	.....	.....
Jud village.....	Lamoure.....	99	.....	.....	Reynolds city.....	Grand Forks.....	412	389	.....
Kennmare city.....	Ward.....	1,437	.....	.....	Richardton village.....	Stark.....	647	.....	.....
Kensal village.....	Stutsman.....	456	.....	.....	Rock Lake village.....	Towner.....	194	.....	.....
Kermit village.....	Divide.....	103	.....	.....	Rolette village.....	Rolette.....	408	.....	.....
Knox village.....	Benson.....	330	.....	.....	Rolla city.....	Rolette.....	587	400	255
Kramer village.....	Bottineau.....	181	.....	.....	Rugby city.....	Pierce.....	1,630	487	.....
Kulm city.....	Lamoure.....	645	463	.....	Ruso village.....	McLean.....	141	.....	.....
Lakota city.....	Nelson.....	1,023	576	227	Russell village.....	Bottineau.....	161	.....	.....
Lamoure city.....	Lamoure.....	929	457	309	Rutland village.....	Sargent.....	224	.....	.....
Langdon city.....	Cavalier.....	1,214	1,188	291	Ryder village.....	Ward.....	338	.....	.....
Lankin village.....	Walsh.....	341	.....	.....	St. John village.....	Rolette.....	424	.....	.....
Lansford city.....	Bottineau.....	456	.....	.....	St. Thomas city.....	Pembina.....	513	661	477
Larimore city.....	Grand Forks.....	1,224	1,235	553	Sanborn village.....	Barnes.....	390	259	227
Leeds city.....	Benson.....	682	349	.....	Sarles village.....	Cavalier.....	346	.....	.....
Lehr village.....	McIntosh.....	182	.....	.....	Sawyer village.....	Towner.....	327	.....	.....
Lidgerwood city.....	Richland.....	1,019	585	.....	Seranton village.....	Ward.....	214	.....	.....
Linton village.....	Emmons.....	644	.....	.....	Sharon village.....	Bowman.....	304	.....	.....
Lisbon city.....	Ransom.....	1,758	1,046	935	Sheldon village.....	Steele.....	304	.....	.....
Litchville village.....	Barnes.....	484	.....	.....	Sherwood village.....	Ransom.....	358	318	253
Ludden village.....	Dickey.....	109	.....	.....	Slms village.....	Renville.....	328	.....	.....
McClusky village.....	Sheridan.....	517	.....	.....	Souris city.....	Morton.....	86	.....	.....
McHenry village.....	Foster.....	398	.....	.....	Stanley city.....	Bottineau.....	267	.....	.....
McVillie village.....	Nelson.....	310	.....	.....	Starkweather village.....	Mountrail.....	518	.....	.....
Maddock village.....	Benson.....	374	.....	.....	Steele city.....	Ramsey.....	246	.....	.....
Mandan city.....	Morton.....	3,873	1,658	1,328	Strasburg village.....	Kidder.....	500	185	133
Mapleton village.....	Cass.....	207	322	119	Sykeston village.....	Emmons.....	273	.....	.....
Marmarth village.....	Billings.....	790	.....	.....	Tagus village.....	Wells.....	276	.....	.....
Max village.....	McLean.....	285	.....	.....	Thorne village.....	Mountrail.....	105	.....	.....
Maxbass village.....	Bottineau.....	240	.....	.....	Tioga village.....	Rolette.....	105	.....	.....
Mayville city.....	Trail.....	1,070	1,106	657	Tolley village.....	Williams.....	203	.....	.....
Medina village.....	Stutsman.....	343	.....	.....	Tolna village.....	Renville.....	250	.....	.....
Merricourt village.....	Dickey.....	78	.....	.....	Tower City village.....	Nelson.....	209	.....	.....
Michigan City.....	Nelson.....	449	309	.....	Towner city.....	Cass.....	452	468	309
Milnor town.....	Sargent.....	641	322	279	Underwood village.....	McHenry.....	691	331	211
Milton village.....	Cavalier.....	410	334	202	Upham village.....	McLean.....	422	.....	.....
Minnewaukan village.....	Benson.....	510	432	.....	Valley City.....	McHenry.....	296	.....	.....
Minot city.....	Ward.....	0,188	1,277	575	Velva city.....	Barnes.....	4,606	2,446	1,089
Minto city.....	Walsh.....	701	860	467	Verona village.....	McHenry.....	837	.....	.....
Mohall city.....	Renville.....	493	.....	.....	Wahpeton city.....	Lamoure.....	235	.....	.....
Monango village.....	Dickey.....	238	.....	.....	Walhalla village.....	Richland.....	2,467	2,228	1,510
Mylo village.....	Rolette.....	98	.....	.....	Washburn city.....	Pembina.....	692	377	.....
Nechu village.....	Pembina.....	528	652	314	Westhope city.....	McLean.....	657	.....	.....
Nekoma village.....	Cavalier.....	120	.....	.....	White Earth village.....	Bottineau.....	592	.....	.....
New Salem village.....	Morton.....	621	229	.....	Williston city.....	Mountrail.....	264	.....	.....
Newburg village.....	Bottineau.....	102	.....	.....	Willow City.....	Williams.....	3,124	763	295
Niagara village.....	Grand Forks.....	157	.....	.....	Wilton village.....	Bottineau.....	623	476	.....
Nome village.....	Barnes.....	218	.....	.....	Wimbledon village.....	McLean.....	437	.....	.....
Noonan village.....	Divide.....	153	.....	.....	Wishak village.....	Barnes.....	571	226	.....
North Minot village.....	Ward.....	432	.....	.....	Wyndmere village.....	McIntosh.....	432	.....	.....
Northwood city.....	Grand Forks.....	769	697	268	Zeeland village.....	Richland.....	439
						McIntosh.....	193

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CHAPTER 2.

COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

Introduction.—The first chapter having given the number of inhabitants of North Dakota by counties and minor civil divisions, the decennial increase and the density of population, and the proportions urban and rural, the present chapter deals with the composition and characteristics of the population. The two chapters cover all the principal topics of the population census except occupations and ownership of homes.

Description of the tables.—The greater part of this chapter consists of three general tables, which present statistics of color, nativity, parentage, sex, citizenship, illiteracy, school attendance, and dwellings and families, as follows: Table I for the state and counties; Table II for the two cities of more than 10,000 inhabitants; and Table III for cities of 2,500 to 10,000 inhabitants.

A series of summary tables (numbered 1 to 12) reproduces from the general tables the more important state totals, and presents also certain additional data relative to state of birth, age, and marital condition.

On account of the wide differences in characteristics among the different classes of the population, the statistics on each subject are shown according to race, and for the whites according to nativity and parentage. Classification according to nativity and parentage is scarcely necessary for the other races, since nearly all negroes and Indians are native born of native parentage, and nearly all Chinese and Japanese either foreign born or of foreign parentage.

The white population is divided into four groups: (1) Native, native parentage—that is, having both parents born in the United States; (2) native, foreign parentage—having both parents born abroad; (3) native, mixed parentage—having one parent native and the other foreign born; (4) foreign born. As the second and third classes do not differ greatly in characteristics, they are combined in some of the tables; in a few cases all three native white classes are combined.

Since marked differences often exist between urban and rural communities with respect to the composition and characteristics of the population, the two classes are distinguished in connection with several of the subjects. Urban population, as defined by the Bureau of the Census, includes that of all incorporated places of 2,500 inhabitants or more, the remainder being classified as rural.

The census inquiry as to school attendance was merely as to whether the person enumerated had attended any kind of school at any time between

September 1, 1909, and the date of enumeration, April 15, 1910. The Census Bureau classifies as illiterate any person 10 years of age or over who is unable to write, regardless of ability to read.

Color and nativity (Table 1).—Of the total population of North Dakota, 162,461, or 28.2 per cent, are native whites of native parentage; 251,236, or 43.5 per cent, are native whites of foreign or mixed parentage; and 156,158, or 27.1 per cent, are foreign-born whites. The corresponding percentages in 1900 were 20.6, 41.8, and 35.3, respectively, the proportion of native whites of native parentage having increased during the decade. The 6,486 Indians constitute 1.1 per cent of the population, and the 617 negroes, 0.1 per cent. In 29 of the 49 counties the proportion of foreign-born whites exceeds one-fourth. In no county is the proportion of native whites of foreign or mixed parentage less than one-fourth; in 6 it exceeds one-half. (See maps on p. 597.)

Of the urban population, 37.7 per cent are native whites of native parentage; of the rural, 27 per cent. The corresponding proportions for native whites of foreign or mixed parentage are 37.6 and 44.3 per cent, respectively. The percentage of foreign-born whites is 24 in the urban population and 27.4 in the rural; of negroes, 0.5 in the urban and 0.1 in the rural. The Indian population is almost exclusively rural.

Sex (Table 2).—In the total population of the state there are 317,554 males and 259,502 females, or 122.4 males to 100 females. In 1900 the ratio was 125.3 to 100. Among native whites the ratio is 114.9 to 100 and among foreign-born whites 145.8 to 100. In the urban population there are 115.6 males to 100 females and in the rural, 123.2.

State of birth (Tables 3 and 4).—Of the total native population—that is, population born in the United States—47.1 per cent were born in North Dakota and 52.9 per cent outside the state; of the native white population, 53.5 per cent were born outside the state; of the native negro, 83.4 per cent; and of the native Indian, 12.7 per cent. Persons born outside the state constitute a larger proportion of the native population in urban than in rural communities.

Foreign nationalities (Table 5).—Of the foreign-born white population of North Dakota, persons born in Norway represent 29.4 per cent; Russia, 20.4; Canada, 13.5 (those of French parentage, 1.5, and all others, 12); Germany, 10.6; Sweden, 7.8; Denmark, 3.4; Austria, 3.3; England, 2; Hungary, 1.8; Ireland,

1.6; all other countries, 6.4 per cent. Of the total white stock of foreign origin, which includes persons born abroad and also natives having one or both parents born abroad, Norway contributed 30.3 per cent; Russia, 15.3; Germany, 14.7; Canada, 12.7 (French stock, 1.8, and all others, 10.9); Sweden, 6.6; Denmark, 3; Ireland, 2.9; Austria, 2.7; England, 2.3; Hungary, 1.1; Scotland, 1 per cent.

Voting and militia ages (Table 6).—The total number of males 21 years of age and over is 173,890, representing 30.1 per cent of the population. Of such males, 24.9 per cent are native whites of native parentage, 28.1 per cent native whites of foreign or mixed parentage, 45.8 per cent foreign-born whites, 0.9 per cent Indians, and 0.2 per cent negroes. Of the 79,721 foreign-born white males of voting age, 46,636, or 58.5 per cent, are naturalized. Males of militia age—18 to 44—number 145,628.

Age (Tables 7 and 8).—Of the total population, 14.3 per cent are under 5 years of age, 22.4 per cent from 5 to 14 years, inclusive, 20.5 per cent from 15 to 24, 28.9 per cent from 25 to 44, and 13.5 per cent 45 years of age and over. The foreign-born white population comprises comparatively few children, only 7.6 per cent of this class being under 15 years of age, while more than three-fourths (76.4 per cent) are 25 years of age and over. Of the native whites of foreign or mixed parentage, only 25.6 per cent are 25 and over; of the native whites of native parentage, 36.1 per cent.

The urban population shows a smaller proportion of children than the rural and a larger proportion of persons in the prime of life. Migration to urban communities explains this at least in part. Of the urban population, 34.8 per cent are from 25 to 44 years of age, inclusive, and of the rural population, 28.2 per cent.

School attendance (Table 9).—The total number of persons of school age—that is, from 6 to 20 years, inclusive—is 183,336, of whom 117,453, or 64.1 per cent, attended school. In addition to these, 1,799 children under 6 and 2,397 persons 21 and over attended school. For boys from 6 to 20 years, inclusive, the percentage attending school was 63.4; for girls, 64.8. For children from 6 to 14 years, inclusive, the percentage attending school was 80.7. The percentage for children of this age among native whites of native parentage was 82.7; among native whites of foreign or mixed parentage, 81.5; among foreign-born whites, 70; and among Indians, 65.5. (See Table I.) In urban communities the percentage of children of that age attending school was 84.2, and in rural, 80.4; for persons from 15 to 20 years, inclusive, the percentages were 43.1 and 35.7, respectively.

Illiteracy (Table 10).—There are 13,070 illiterates in the state, representing 3.1 per cent of the total population 10 years of age and over, as compared with 5.6 per cent in 1900. The percentage of illiteracy is 0.5 among native whites, 6.3 among foreign-born whites, and 46 among Indians.

For all classes combined, the percentage of illiterates is 2.2 in urban communities and 3.2 in rural. For each

class separately, also, except the foreign-born whites, the percentage is higher in the rural population than in the urban.

For persons from 10 to 20 years of age, inclusive, whose literacy depends largely upon present school facilities and school attendance, the percentage of illiteracy is 1.7. (See Table I.)

Marital condition (Table 11).—In the population 15 years of age and over, 46.9 per cent of the males are single and 30.2 per cent of the females. The percentage married is 48.6 for males and 63.4 for females, and the percentage widowed 2.9 and 5.2, respectively. The percentages of those reported as divorced, 0.3 and 0.4, respectively, are believed to be too small, because of the probability that many divorced persons class themselves as single or widowed.

That the percentage single is so much smaller for women than for men is due partly to the excess of males in the total population and partly to the fact that women marry younger. Thus 8.3 per cent of the females from 15 to 19 years of age are married, as compared with 0.3 per cent of the males, and 50 per cent of the females from 20 to 24 years of age are married, as compared with 13.7 per cent of the males. In the next age group, 25 to 34 years, the percentages are 82.2 and 53.2, respectively; in the age group 35 to 44 they are 90.2 and 75.3; while in the next age group the percentage married is higher among the males. That there is a larger proportion of widows than of widowers may indicate that men more often remarry than women, but, since husbands are generally older than their wives, the marriage relationship is more often broken by death of the husband than by death of the wife.

For the main elements of the population the percentages of married persons among those 15 years of age and over are as follows: Foreign-born whites, 59.3 for males and 75.7 for females; native whites of native parentage, 47 and 63.1, respectively; native whites of foreign or mixed parentage, 36 and 51.1; and Indians, 61.1 and 66.1.

These percentages by no means indicate the relative tendency of the several classes as regards marriage. To determine that, the comparison should be made by age periods, since the proportion married in any class is determined largely by the proportion who have reached the marrying age. Similarly, the proportion widowed depends largely on the proportion past middle life. The percentage married for males is slightly higher, and for females decidedly higher, in rural than in urban communities.

Dwellings and families.—The total number of dwellings in North Dakota is 118,757, and the total number of families 120,910, indicating that in comparatively few cases does more than one family occupy a dwelling. (See Table I.) The average number of persons per dwelling is 4.9, and the average number per family, 4.8.

TABLE 1.—COLOR, NATIVITY, AND PARENTAGE.

CLASS OF POPULATION.	NUMBER.			PER CENT OF TOTAL.		
	1910	1900	1890	1910	1900	1890
THE STATE.						
Total population.....	577,056	319,146	190,983	100.0	100.0	100.0
White.....	569,855	311,712	182,407	98.8	97.7	95.5
Negro.....	617	286	373	0.1	0.1	0.2
Indian.....	6,486	6,968	8,174	1.1	2.2	4.3
Chinese.....	39	32	28	(1)	(1)	(1)
Japanese.....	59	148	1	(1)	(1)	(1)
Total native.....	420,402	206,055	109,522	72.9	64.6	57.3
Total foreign born.....	156,654	113,091	81,461	27.1	35.4	42.7
Native white, total.....	413,697	199,122	101,059	71.7	62.4	52.9
Native parentage.....	162,461	65,811	37,712	28.2	20.6	19.7
Foreign parentage.....	180,054	102,680	50,108	31.2	32.2	26.2
Mixed parentage.....	71,182	30,631	13,239	12.3	9.6	6.9
Foreign-born white.....	156,158	112,590	81,348	27.1	35.3	42.6
URBAN POPULATION.						
Total.....	63,236	23,413	10,643	100.0	100.0	100.0
White.....	62,765	23,267	10,532	99.3	99.4	99.0
Negro.....	306	125	81	0.5	0.5	0.8
Indian.....	84	9	23	0.1	(1)	0.2
Chinese and Japanese.....	81	12	7	0.1	0.1	0.1
Native white, total.....	47,596	16,600	6,491	75.3	70.9	61.0
Native parentage.....	23,814	8,117	3,372	37.7	34.7	31.7
Foreign parentage.....	16,101	8,483	3,119	25.5	26.2	29.3
Mixed parentage.....	7,681	3,067	1,211	12.1	12.1	12.1
Foreign-born white.....	15,169	6,667	4,041	24.0	28.5	38.0
RURAL POPULATION.						
Total.....	513,820	295,733	180,340	100.0	100.0	100.0
White.....	507,090	288,445	171,875	98.7	97.5	95.3
Negro.....	311	161	202	0.1	0.1	0.2
Indian.....	6,402	6,959	8,151	1.2	2.4	4.5
Chinese and Japanese.....	17	108	22	(1)	0.1	(1)
Native white, total.....	366,101	182,522	94,568	71.3	61.7	52.4
Native parentage.....	138,647	57,094	34,340	27.0	19.5	19.0
Foreign parentage.....	163,953	124,828	60,228	31.9	42.2	33.4
Mixed parentage.....	63,501	30,607	12,444	12.4	12.4	12.4
Foreign-born white.....	140,989	105,923	77,307	27.4	35.8	42.9

¹ Less than one-tenth of 1 per cent.

TABLE 2.—SEX.
[See also Tables 7 and 8.]

CLASS OF POPULATION.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
Total population.....	317,554	259,502	122.4	177,493	141,653	125.3
White.....	313,851	256,004	122.6	173,676	138,036	125.8
Negro.....	381	236	161.4	173	113	153.1
Indian.....	3,224	3,262	98.8	3,465	3,503	98.9
Chinese and Japanese.....	98	.....	.....	179	1	(1)
Native white, total.....	221,221	192,476	114.9	107,531	91,591	117.4
Native parentage.....	89,162	73,299	121.6	37,306	28,505	130.9
Foreign parentage.....	94,920	85,134	111.5	54,046	48,634	111.1
Mixed parentage.....	37,139	34,043	109.1	16,179	14,452	111.9
Foreign-born white.....	92,330	63,528	145.8	66,145	46,445	142.4
Urban population.....	33,909	29,327	115.6	12,188	11,225	108.6
Rural population.....	283,645	230,175	123.2	165,305	130,428	126.7

¹ Ratio not shown, the number of females being less than 100.

TABLE 3.—NATIVE POPULATION, DISTINGUISHED AS BORN IN STATE OR OUTSIDE STATE.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION.	1910	1900	1890	Urban: 1910	Rural: 1910
Total native population.....	420,402	206,055	101,258	47,982	372,410
Born in state.....	197,847	108,730	43,783	18,162	179,685
Born outside state.....	222,555	97,325	57,475	29,830	192,725
Per cent outside state.....	52.9	47.2	56.8	62.2	51.8
Native white population.....	413,697	199,122	100,775	47,596	366,101
Born in state.....	192,442	103,218	43,536	18,071	174,371
Born outside state.....	221,255	95,904	57,239	29,525	191,730
Per cent outside state.....	53.5	48.2	56.8	62.0	52.4
Native negro population.....	615	279	(3)	305	310
Born in state.....	102	69	(3)	25	77
Born outside state.....	513	210	(3)	280	233
Per cent outside state.....	83.4	75.3	(8)	91.8	75.2
Native Indian population.....	6,077	6,652	(3)	83	5,994
Born in state.....	5,303	5,442	(3)	66	5,237
Born outside state.....	774	1,210	(3)	17	757
Per cent outside state.....	12.7	18.2	(3)	.....	12.6

¹ Exclusive of 284 whites and 7,980 Indians, not distributed by state of birth.

² Includes persons born in United States, state not specified; persons born in outlying possessions, or at sea under United States flag; and American citizens born abroad.

³ Comparable figures not available.

TABLE 4.—STATE OR DIVISION OF BIRTH.

PLACE OF BIRTH.	NUMBER.		PER CENT OF TOTAL.	
	1910	1900	1910	1900
Total native.....	420,402	206,055	100.0	100.0
North Dakota.....	197,847	108,730	47.1	52.8
Other states.....	222,555	97,325	52.9	47.2
Minnesota.....	68,972	24,546	16.4	11.9
Iowa.....	30,553	9,005	7.3	4.4
Wisconsin.....	30,003	14,914	7.1	7.2
Illinois.....	16,903	5,881	4.0	2.9
South Dakota.....	12,669	4,751	3.0	2.3
Indiana.....	9,416	4,658	2.2	2.3
New York.....	7,554	6,082	1.8	3.2
Michigan.....	6,677	5,178	1.6	2.5
Ohio.....	6,499	4,391	1.5	2.1
Pennsylvania.....	5,429	3,774	1.3	1.8
Missouri.....	4,785	2,366	1.1	1.1
Nebraska.....	3,484	1,009	0.8	0.5
All other.....	19,611	10,170	4.7	4.9
DIVISIONS.				
New England.....	3,559	3,326	0.8	1.6
Middle Atlantic.....	13,449	10,877	3.2	5.3
East North Central.....	69,498	35,022	16.5	17.0
West North Central.....	319,883	151,116	76.1	73.3
South Atlantic.....	3,304	1,936	0.8	0.9
East South Central.....	1,826	769	0.4	0.4
West South Central.....	812	312	0.2	0.2
Mountain.....	1,639	763	0.4	0.4
Pacific.....	873	397	0.2	0.2
Other.....	5,559	1,537	1.3	0.7

¹ Includes persons born in United States, state not specified; persons born in outlying possessions, or at sea under United States flag; and American citizens born abroad.

TABLE 5.—FOREIGN WHITE STOCK, BY NATIONALITY.

FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						Foreign-born white population: 1900
	Total.		Foreign born.		Native.		
	Num-ber.	Per cent.	Num-ber.	Per cent.	Both parents foreign born.	One parent foreign born.	
All countries.....	407,394	100.0	156,158	100.0	180,054	71,182	112,590
Austria.....	11,200	2.7	5,149	3.3	4,531	1,520	2,802
Belgium.....	489	0.1	229	0.1	152	108	154
Bulgaria.....	257	0.1	257	0.2			
Canada—French.....	7,136	1.8	2,376	1.5	2,873	1,887	3,105
Canada—Other.....	44,468	10.9	18,721	12.0	13,066	12,681	24,738
Denmark.....	12,203	3.0	5,355	3.4	5,043	1,805	3,953
England.....	9,323	2.3	3,070	2.0	2,268	3,985	2,909
Finland.....	2,610	0.6	1,186	0.8	1,251	173	651
France.....	894	0.2	265	0.2	302	327	251
Germany.....	59,767	14.7	16,572	10.6	28,703	14,492	12,198
Greece.....	1,103	0.3	1,083	0.7	7	13	
Holland.....	1,911	0.5	709	0.5	722	480	317
Hungary.....	4,668	1.1	2,855	1.8	1,622	191	1,327
Ireland.....	11,701	2.9	2,498	1.6	5,513	3,690	2,670
Italy.....	1,365	0.3	1,262	0.8	60	43	700
Norway.....	123,284	30.3	45,937	29.4	56,577	20,770	30,206
Roumania.....	1,453	0.4	1,070	0.7	323	60	353
Russia.....	62,186	15.3	31,910	20.4	27,788	2,488	15,097
Scotland.....	4,118	1.0	1,696	1.1	1,091	1,331	1,800
Sweden.....	26,800	6.6	12,160	7.8	10,533	4,107	8,419
Switzerland.....	1,717	0.4	560	0.4	578	579	374
Turkey in Asia.....	641	0.2	392	0.3	232	17	104
Turkey in Europe.....	286	0.1	270	0.2	15	1	
All other.....	17,814	4.4	576	0.4	16,804	434	462

¹ Includes native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

TABLE 6.—MALES OF VOTING AND MILITIA AGES.

CLASS OF POPULATION.	MALES OF VOTING AGE—21 AND OVER.				MALES OF MILITIA AGE—18 TO 44.	
	Number.		Per cent.		1910	1900
	1910	1900	1910	1900		
Total.....	173,890	95,217	100.0	100.0	145,628	80,191
White.....	171,941	93,237	98.9	97.9	144,226	78,790
Negro.....	811	115	0.2	0.1	250	93
Indian.....	1,651	1,711	0.9	1.8	1,083	1,255
Chinese and Japanese.....	87	154	0.1	0.2	69	143
Native white.....	92,220	37,679	53.0	39.6	89,009	36,216
Native parentage.....	43,558	19,777	24.9	20.8	37,362	16,582
Foreign or mixed parentage.....	48,662	17,902	28.1	18.8	51,647	19,634
Foreign-born white.....	79,721	55,558	45.8	58.3	55,217	42,484

TABLE 7.—AGE, FOR THE STATE.

[Per cent not shown where base is less than 100.]

AGE PERIOD.	TOTAL POPULATION.				NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.		INDIAN.		CHINESE AND JAPANESE.	
	1910		1900		Male.		Female.		Male.		Male.		Male.		Male.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
All ages, number.....	577,056	319,146	317,554	259,502	89,162	73,299	132,059	119,177	92,630	63,528	381	236	3,224	3,262	98	.....
Under 5 years.....	82,399	47,783	41,724	40,675	15,773	15,337	24,790	24,117	700	697	17	20	444	504	.....	.....
Under 1 year.....	16,989	10,198	8,705	8,224	3,486	3,259	5,128	4,819	45	42	4	5	102	99	.....	.....
5 to 9 years.....	69,927	42,202	35,172	34,755	11,533	11,396	20,959	20,811	2,250	2,060	16	18	414	470	.....	.....
10 to 14 years.....	59,392	35,507	30,466	28,926	8,857	8,313	17,913	17,277	3,277	2,889	17	13	399	434	.....	.....
15 to 19 years.....	56,099	29,228	29,656	27,043	7,971	7,204	16,399	15,871	4,890	3,618	15	21	377	329	.....	.....
20 to 24 years.....	61,631	30,558	34,151	27,480	9,145	7,332	14,703	13,720	10,013	6,162	53	29	220	237	.....	.....
25 to 29 years.....	50,726	28,047	32,744	23,982	8,835	6,293	11,741	9,724	11,867	7,737	69	35	216	193	.....	.....
30 to 34 years.....	44,906	24,232	26,591	18,405	6,775	4,590	8,532	6,269	11,040	7,353	45	28	185	165	.....	.....
35 to 39 years.....	37,106	22,143	22,207	14,899	5,340	3,489	6,280	4,497	10,349	6,737	44	25	184	151	.....	.....
40 to 44 years.....	28,342	18,615	17,312	11,030	3,936	2,430	3,853	2,524	9,339	5,953	31	9	143	114	.....	.....
45 to 49 years.....	23,572	12,844	14,048	9,524	3,034	2,026	2,678	1,862	8,158	5,504	19	9	145	123	.....	.....
50 to 54 years.....	20,072	9,203	12,197	7,875	2,650	1,669	2,205	1,318	7,184	4,738	19	7	136	143	.....	.....
55 to 59 years.....	12,970	6,267	7,868	5,102	1,803	1,082	1,024	597	4,902	3,297	12	12	124	114	.....	.....
60 to 64 years.....	8,727	4,419	5,065	3,662	1,151	779	411	240	3,403	2,549	7	5	91	89	.....	.....
65 to 74 years.....	9,141	5,387	5,184	3,957	1,173	815	311	182	3,598	2,843	2	2	100	115	.....	.....
75 to 84 years.....	3,226	1,733	1,705	1,521	368	289	64	48	1,242	1,124	2	.....	29	60	.....	.....
85 to 94 years.....	512	222	266	246	40	35	7	6	208	193	.....	.....	11	11	.....	.....
95 years and over.....	19	15	9	10	1	1	.....	.....	8	8	.....	.....	1	1	.....	.....
Age unknown.....	1,599	741	1,189	410	777	220	189	114	202	66	13	1	6	9	2	.....
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	14.3	15.0	13.1	15.7	17.7	20.9	18.8	20.2	0.8	1.1	4.5	8.5	13.8	15.5	.....	.....
5 to 9 years.....	12.1	13.2	11.1	13.4	12.9	15.5	15.9	17.5	2.4	3.2	4.2	7.6	12.8	14.4	.....	.....
10 to 14 years.....	10.3	11.1	9.6	11.1	9.9	11.3	13.6	14.5	3.5	4.5	4.5	5.5	12.4	13.3	.....	.....
15 to 19 years.....	9.8	9.2	9.3	10.4	8.9	9.8	12.4	13.3	5.3	5.7	3.9	8.9	11.7	10.1	.....	.....
20 to 24 years.....	10.7	9.6	10.8	10.6	10.3	10.0	11.1	11.5	10.8	9.7	13.9	12.3	6.8	7.3	.....	.....
25 to 34 years.....	17.6	16.4	18.7	16.3	17.5	14.8	15.4	13.4	24.7	23.8	29.9	26.7	12.4	11.0	.....	.....
35 to 44 years.....	11.3	12.8	12.4	10.0	10.4	8.1	7.7	5.9	21.3	20.0	19.7	14.4	10.1	8.1	.....	.....
45 to 64 years.....	11.3	10.3	12.3	10.1	9.7	7.6	4.8	3.4	25.5	25.3	15.0	14.0	15.4	14.4	.....	.....
65 years and over.....	2.2	2.3	2.3	2.2	1.8	1.6	0.3	0.2	5.5	6.6	1.0	1.7	4.3	5.7	.....	.....

TABLE 8.—AGE, FOR URBAN AND RURAL POPULATION.

[Per cent not shown where base is less than 100.]

AGE PERIOD.	TOTAL.				NATIVE WHITE.				FOREIGN-BORN WHITE.				NEGRO.				INDIAN.			
	Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
All ages, number.....	33,909	283,645	29,327	230,175	24,838	196,383	22,758	169,718	8,745	83,885	6,424	57,104	197	184	109	127	48	3,176	36	3,226
Under 5 years.....	3,308	38,416	3,187	37,488	3,247	37,316	3,120	36,334	55	645	63	634	5	12	4	16	1	443	.....	504
Under 1 year.....	717	8,048	667	7,557	715	7,899	662	7,416	1	44	4	38	1	3	1	4	.....	102	.....	99
5 to 9 years.....	2,787	32,385	2,728	32,027	2,611	29,881	2,554	29,653	162	2,088	168	1,892	6	10	3	15	8	408	.....	467
10 to 14 years.....	2,555	27,911	2,597	26,329	2,321	24,449	2,373	23,217	212	3,065	211	2,678	8	9	3	10	13	386	.....	424
15 to 19 years.....	2,743	26,913	3,366	23,677	2,340	22,030	3,022	20,053	376	4,514	322	3,296	6	9	6	15	17	360	.....	313
20 to 24 years.....	4,241	29,910	4,320	23,160	3,129	20,719	3,475	17,577	1,063	8,950	828	5,334	31	22	15	14	4	216	.....	236
25 to 34 years.....	7,892	51,443	5,864	36,523	5,352	30,531	4,105	22,771	2,446	20,461	1,717	13,373	66	48	39	24	4	397	.....	355
35 to 44 years.....	4,839	34,680	3,436	22,493	2,843	16,566	2,002	10,848	1,321	17,746	1,321	11,369	36	39	21	13	1	326	.....	263
45 to 64 years.....	4,378	34,800	3,095	23,068	2,295	12,661	1,657	7,916	2,037	21,610	1,422	14,666	27	30	16	17	.....	496	.....	469
65 years and over.....	730	6,434	633	5,101	317	1,647	264	1,111	412	4,644	367	3,801	1	3	2	2	.....	140	.....	187
Age unknown.....	436	753	101	309	383	583	96	238	40	162	5	61	11	2	.....	1	.....	6	.....	9
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.....	100.0	.....	100.0
Under 5 years.....	9.8	13.5	10.9	16.3	13.1	19.0	13.7	21.4	0.6	0.8	1.0	1.1	2.5	6.5	3.7	12.6	.....	13.9	.....	15.6
5 to 9 years.....	8.2	11.4	9.3	13.9	10.5	15.2	11.2	17.5	1.9	2.5	2.6	3.3	3.0	5.4	2.8	11.8	.....	12.8	.....	14.5
10 to 14 years.....	7.5	9.8	8.9	11.4	9.3	12.4	10.4	13.7	2.4	3.7	3.3	4.7	4.1	4.9	2.8	7.9	.....	12.2	.....	13.1
15 to 19 years.....	8.1	9.5	11.5	10.3	9.4	11.2	13.3	11.8	4.3	5.4	5.0	5.8	3.0	4.9	5.5	11.8	.....	11.3	.....	9.7
20 to 24 years.....	12.5	10.5	14.7	10.1	12.6	10.6	15.3	10.4	12.2	10.7	12.9	9.3	15.7	12.0	13.8	11.0	.....	6.8	.....	7.3
25 to 34 years.....	23.3	18.1	20.0	15.9	21.5	15.5	18.0	13.4	28.0	24.4	26.7	23.4	33.5	26.1	35.8	18.9	.....	12.5	.....	11.0
35 to 44 years.....	14.3	12.2	11.7	9.8	11.4	8.4	9.2	6.4	22.2	21.2	20.6	19.9	18.3	21.2	19.3	10.2	.....	10.3	.....	8.2
45 to 64 years.....	12.9	12.3	10.6	10.0	9.2	6.4	7.3	4.7	23.3	25.8	22.1	25.7	13.7	16.3	14.7	13.4	.....	15.0	.....	14.5
65 years and over.....	2.2	2.3	2.2	2.2	1.3	0.8	1.2	0.7	4.7	5.5	5.7	6.7	0.5	1.0	1.8	1.6	.....	4.4	.....	5.8

TABLE 9.—SCHOOL ATTENDANCE.

[Per cent not shown where base is less than 100.]

AGE PERIOD.	TOTAL.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.			INDIAN.			
				Native parentage.			Foreign or mixed par.												
	Num-ber.	Attending school.		Num-ber.	Attending school.		Num-ber.	Attending school.		Num-ber.	Attending school.		Num-ber.	Attending school.		Num-ber.	Attending school.		
		Num-ber.	Per cent.		Num-ber.	Per cent.		Num-ber.	Per cent.		Num-ber.	Per cent.		Num-ber.	Per cent.		Num-ber.	Per cent.	Num-ber.	Per cent.
THE STATE.																			
6 to 20 years, inclusive.	183,336	117,453	64.1	53,101	36,715	69.1	106,573	70,332	66.0	21,194	8,906	42.0	103	60	58.3	2,354	1,433	60.9	
Male.....	94,421	59,876	63.4	27,350	18,584	67.9	53,958	35,614	66.0	11,896	4,927	41.4	52	32	.....	1,154	712	61.7
Female.....	88,915	57,577	64.8	25,751	18,131	70.4	52,615	34,718	66.0	9,298	3,979	42.8	51	28	.....	1,200	721	60.1
6 to 9 years.....	54,902	38,745	70.6	17,637	12,994	73.7	32,863	23,271	70.8	3,657	2,115	57.8	26	18	.....	719	347	48.3
10 to 14 years.....	59,392	53,478	90.0	17,170	15,796	92.0	35,190	32,222	91.6	6,166	4,763	77.2	30	25	.....	833	669	80.3
15 to 17 years.....	33,052	18,900	57.4	8,912	5,889	66.1	19,526	11,279	57.8	4,146	1,464	35.3	16	12	.....	450	314	69.8
18 to 20 years.....	35,990	0,270	17.4	9,382	2,036	21.7	18,994	3,560	18.7	7,225	564	7.8	31	5	.....	352	103	29.3
Under 6 years.....		1,799	.....		703	.....		1,030	.....		53	.....		2	.....		11	.....
21 years and over.....		2,397	.....		726	.....		1,100	.....		535	.....		5	.....		31	.....
Total attending school.....		121,649	.....		38,144	.....		72,462	.....		9,494	.....		67	.....		1,475	.....
URBAN POPULATION.																			
6 to 14 years.....	9,541	8,036	84.2	3,947	3,360	85.1	4,844	4,085	84.3	697	545	78.2	18	11	.....	34	34	.....
15 to 20 years.....	7,726	3,332	43.1	2,801	1,436	51.3	3,865	1,702	44.0	1,001	148	14.8	16	7	.....	36	35	.....
RURAL POPULATION.																			
6 to 14 years.....	104,753	84,187	80.4	30,860	25,430	82.4	63,209	51,408	81.3	9,126	6,333	69.4	38	32	.....	1,518	982	64.7
15 to 20 years.....	61,316	21,898	35.7	15,493	6,489	41.9	34,655	13,137	37.9	10,370	1,880	18.1	31	10	766	382	49.9	

STATISTICS OF POPULATION.

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TABLE 10.—ILLITERATE PERSONS 10 YEARS OF AGE AND OVER.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.		CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.	
	Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.		Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.
THE STATE.							URBAN POPULATION.						
Total illiterate, 1910.....	13,070	3.1	6,645	2.8	6,425	3.5	Total illiterate, 1910.....	1,114	2.2	720	2.6	394	1.7
Native white.....	1,413	0.5	776	0.5	637	0.5	Native white.....	51	0.1	30	0.2	21	0.1
Native parentage.....	349	0.3	231	0.4	118	0.3	Native parentage.....	23	0.1	18	0.2	5	0.1
Foreign or mixed parentage.....	1,064	0.7	545	0.6	519	0.7	Foreign or mixed parentage.....	28	0.2	12	0.1	16	0.2
Foreign-born white.....	9,474	6.3	4,807	5.4	4,667	7.7	Foreign-born white.....	1,039	7.1	672	7.9	367	5.9
Negro.....	26	4.8	16	4.6	10	5.1	Negro.....	12	4.2	7	3.8	5	4.9
Indian.....	2,142	46.0	1,031	43.6	1,111	48.6	Indian.....	1				1	
Total illiterate, 1900.....							RURAL POPULATION.						
Native white.....	1,063	0.9	589	0.9	474	0.9	Total illiterate, 1910.....	11,956	3.2	5,925	2.8	6,031	3.8
Native parentage.....	279	0.6	179	0.7	100	0.5	Native white.....	1,362	0.6	746	0.6	616	0.6
Foreign or mixed parentage.....	784	1.1	410	1.1	374	1.2	Native parentage.....	326	0.4	213	0.4	113	0.3
Foreign-born white.....	8,432	7.8	4,059	6.4	4,373	9.9	Foreign or mixed parentage.....	1,036	0.7	533	0.7	503	0.8
Negro.....	31	12.8	19	12.7	12		Foreign-born white.....	8,435	6.2	4,135	5.1	4,300	7.9
Indian.....	3,142	62.5	1,476	58.2	1,666	66.8	Negro.....	14	5.4	9	5.6	5	
							Indian.....	2,141	46.7	1,031	44.3	1,110	49.2

TABLE 11.—MARITAL CONDITION OF PERSONS 15 YEARS OF AGE AND OVER.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.							FEMALES 15 YEARS OF AGE AND OVER.						
	Total. ¹	Single.		Married.		Wid-owed.	Di-voiced.	Total. ¹	Single.		Married.		Wid-owed.	Di-voiced.
		Number.	Per cent.	Number.	Per cent.				Number.	Per cent.	Number.	Per cent.		
THE STATE.														
Total, 1910.....	210,192	98,659	46.9	102,080	48.6	6,091	664	155,146	46,828	30.2	98,370	63.4	8,133	557
Total, 1900.....	113,700	56,722	49.0	53,210	46.8	3,869	321	79,954	23,069	28.8	51,444	64.3	5,068	268
15 to 19 years.....	29,656	28,847	97.3	90	0.3	3	.....	27,043	24,182	89.4	2,239	8.3	11	10
20 to 24 years.....	34,151	28,772	84.2	4,664	13.7	49	14	27,480	13,373	48.7	13,727	50.0	81	46
25 to 34 years.....	59,335	26,760	45.1	31,547	53.2	449	117	42,387	6,706	15.8	34,845	82.2	544	103
35 to 44 years.....	39,519	8,484	21.5	29,763	75.3	923	178	25,929	1,430	5.5	23,398	90.2	937	145
45 years and over.....	46,342	5,300	11.4	35,885	77.4	4,648	352	31,897	1,026	3.2	24,061	75.4	6,540	192
Age unknown.....	1,189	496	41.7	131	11.0	19	3	410	111	27.1	100	24.4	20	1
Native white:														
Native parentage ²	52,999	25,375	47.9	24,894	47.0	1,517	239	38,253	11,716	30.6	24,120	63.1	1,840	190
15 to 24 years.....	17,116	15,279	89.3	1,454	8.5	24	3	14,536	9,539	65.6	4,708	32.4	35	29
25 to 44 years.....	24,886	8,609	34.6	15,615	62.7	378	117	16,802	1,922	11.4	14,378	85.6	358	102
45 years and over.....	10,220	1,186	11.6	7,767	76.0	1,108	118	6,695	195	2.9	4,987	74.5	1,440	58
Foreign or mixed parentage ²	68,397	41,731	61.0	24,644	36.0	921	168	56,972	26,018	45.7	29,107	51.1	1,072	152
15 to 24 years.....	31,102	28,684	92.2	1,769	5.7	11	7	29,591	22,312	75.4	6,722	22.7	32	21
25 to 44 years.....	30,406	11,968	39.4	17,744	58.4	405	93	23,014	3,517	15.3	18,923	82.2	417	102
45 years and over.....	6,700	996	14.9	5,113	76.3	503	67	4,253	158	3.7	3,442	80.9	620	29
Foreign-born white ²	86,403	30,643	35.5	51,207	59.3	3,547	247	57,882	8,619	14.9	43,812	75.7	5,014	198
15 to 24 years.....	14,903	13,057	87.6	1,460	9.8	14	4	9,780	5,286	54.0	4,346	44.4	21	6
25 to 44 years.....	42,595	14,410	33.8	27,279	64.0	561	79	27,780	2,651	9.5	24,302	87.5	685	91
45 years and over.....	28,703	3,069	10.7	22,416	78.1	2,964	163	20,256	666	3.3	15,134	74.7	4,300	101
Negro ²	331	190	57.4	107	32.3	15	5	185	56	30.3	106	57.3	16	7
15 to 24 years.....	68	58		7		1	.....	50	40		8		2	.....
25 to 44 years.....	189	109	57.7	69	36.5	7	2	97	14	.....	71	.....	5	7
45 years and over.....	61	22	.....	30	.....	6	3	37	2	.....	26	.....	9	.....
Indian ²	1,967	652	33.1	1,202	61.1	90	5	1,854	419	22.6	1,225	66.1	191	10
15 to 24 years.....	597	521	87.3	63	10.6	2	.....	566	378	66.8	182	32.2	2	.....
25 to 44 years.....	728	116	15.9	555	80.4	21	4	623	32	5.1	569	91.3	16	6
45 years and over.....	636	13	2.0	552	86.8	66	1	656	5	0.8	472	72.0	171	4
URBAN POPULATION.														
Total.....	25,259	12,504	49.5	11,584	45.9	685	95	20,815	8,060	38.7	11,072	53.2	1,365	122
15 to 24 years.....	6,984	6,284	90.0	547	7.8	16	.....	7,686	5,824	75.8	1,714	22.3	17	12
25 to 44 years.....	12,731	5,369	42.2	7,102	55.8	174	50	9,300	2,004	21.5	6,872	73.9	328	78
45 years and over.....	5,108	667	13.1	3,900	76.4	492	44	3,728	204	5.5	2,468	66.2	1,016	32
Age unknown.....	436	184	42.2	35	8.0	3	1	101	28	27.7	18	17.8	4	.....
Native white—Native parentage.....	9,295	4,738	51.0	4,043	43.5	233	35	6,881	2,028	38.2	3,659	53.2	447	49
Native white—Foreign or mixed par.....	7,364	4,307	58.5	2,845	38.6	123	25	7,830	3,953	50.5	3,517	44.9	262	38
Foreign-born white.....	8,316	3,280	39.4	4,613	55.5	321	32	5,982	1,434	24.0	3,836	64.1	645	29
Negro.....	178	98	55.1	59	33.1	7	3	99	24		58		11	6
Indian.....	26	24	.....	2	.....	.....	.....	23	21	.....	2	.....	.....	.....
RURAL POPULATION.														
Total.....	184,933	86,155	46.6	90,496	48.9	5,406	569	134,331	38,768	28.9	87,298	65.0	6,768	435
15 to 24 years.....	56,823	51,335	90.3	4,207	7.4	36	14	46,837	31,731	67.7	14,252	30.4	75	44
25 to 44 years.....	86,123	29,875	34.7	54,208	62.9	1,198	245	59,016	6,132	10.4	51,371	87.0	1,153	230
45 years and over.....	41,234	4,633	11.2	31,985	77.6	4,156	308	28,169	822	2.9	21,593	76.7	5,524	180
Age unknown.....	753	312	41.4	96	12.7	16	2	369	83	26.9	82	26.5	16	1
Native white—Native parentage.....	43,704	20,637	47.2	20,851	47.7	1,284	204	31,372	9,088	29.0	20,461	65.2	1,393	141
Native white—Foreign or mixed par.....	61,033	37,424	61.3	21,799	35.7	708	143	49,142	22,065	44.9	26,590	52.1	810	114
Foreign-born white.....	78,087	27,363	35.0	46,594	59.7	3,226	215	51,900	7,185	13.8	39,797	77.0	4,869	169
Negro.....	153	92	60.1	48	31.4	8	2	86	32	.....	48	.....	5	.....
Indian.....	1,941	628	32.4	1,200	61.8	90	5	1,831	398	21.7	1,223	66.8	191	10

¹ Total includes persons whose marital condition is unknown.² Totals include persons of unknown age.

TABLE 12.—INDIAN, CHINESE, AND JAPANESE POPULATION FOR PRINCIPAL COUNTIES.

COUNTY.	INDIAN.			CHINESE.			JAPANESE.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890
The state.....	6,486	6,968	18,174	39	32	128	59	148	1
Benson.....	1,026	1,181	8						
Burleigh.....	82	5	8	6	5	2			
Cavalier.....	183	50	9						
Dunn.....	237								
Emmons.....	6	14	14						
Grand Forks.....	1		21	3	7	9	2		
McLean.....	630	980		1					
Mercer.....	134	40							
Morton.....	1,288	21,911	5		22	35			
Mountrail.....	88						2		
Pembina.....	386	98	20						
Richland.....	125	5				1			
Rolette.....	2,129	2,546				1			
Sargent.....	49	42							
Walsh.....	13			1	2				
Ward.....		9		13			24	75	1
Williams.....	87	77		5	4		13	73	
Remainder of state.....	22	10	6	10	12	9	18		

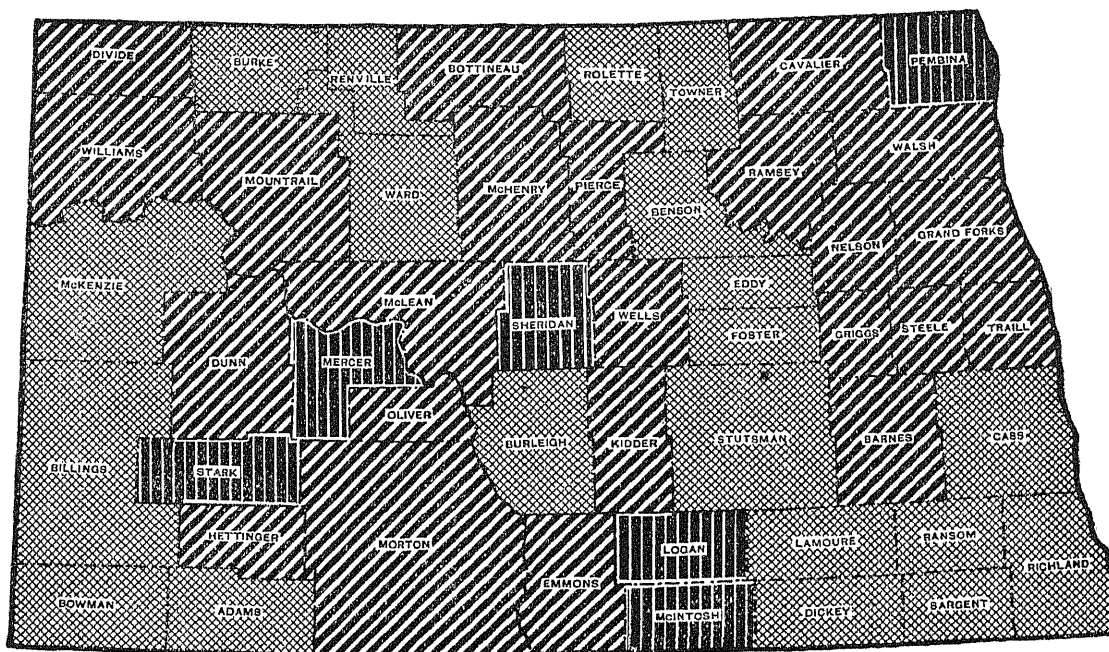
¹ Includes 7,980 Indians specially enumerated in 1890, not distributed by counties; and 103 Indians and 1 Chinese in counties that were annexed to or taken to form other counties between 1890 and 1900.

² Includes 1,905 Indians and 2 Chinese on that part of Standing Rock Indian Reservation in North Dakota, not returned by counties in 1900.

³ Includes 2 Indians and 3 Chinese on part of Standing Rock Indian Reservation.

PROPORTION OF FOREIGN-BORN WHITE AND NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE
OF NORTH DAKOTA, BY COUNTIES: 1910.

PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION.



PER CENT OF NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE IN TOTAL POPULATION.

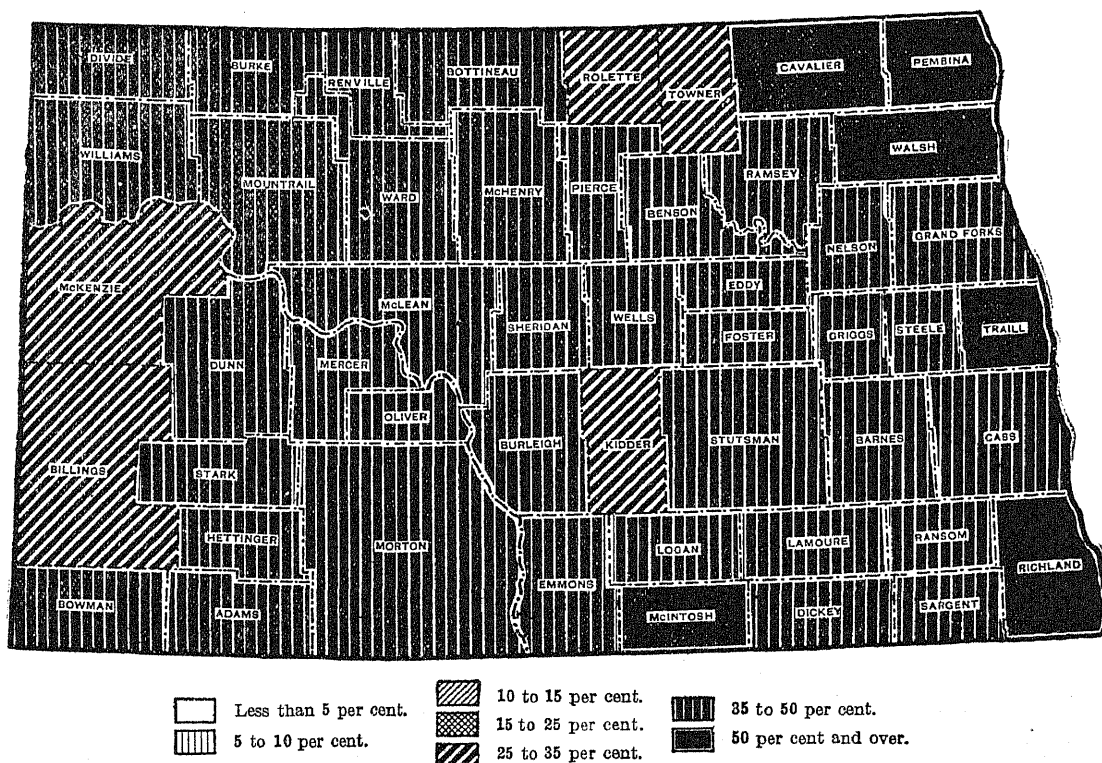


TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

[Per cent not shown where base is less than 100.]

SUBJECT.	THE STATE.	Adams. ¹	Barnes. ¹	Benson. ¹	Billings. ¹	Bottineau. ¹	Bowman. ¹	Burke. ¹	Burleigh. ¹	Cass. ¹
POPULATION										
Total population, 1910.....	577,056	² 5,407	18,066	12,681	² 10,186	17,295	² 4,668	³ 9,064	13,087	33,935
1900.....	319,146	(²)	13,159	8,320	² 975	7,532	(²)	(³)	6,081	28,625
1890.....	⁴ 190,983		7,045	2,460	170	2,893	6		4,247	19,613
1880.....	⁵ 36,909		1,585		1,323				3,246	8,998
1870.....	⁶ 2,405									
Increase, 1900-1910.....	257,910	² 5,407	4,907	4,361	² 9,211	9,763	² 4,668	³ 9,064	7,006	5,310
Per cent of increase.....	80.8	(²)	37.3	52.4	² 944.7	129.6	(²)	(³)	115.2	18.6
Increase, 1890-1900.....	128,163		6,114	⁷ 4,592	805	4,639	-6		1,834	9,012
Per cent of increase.....	67.1		86.8	⁷ 186.7	473.5	160.4			43.2	45.9
Land area (square miles).....	70,183	997	1,510	1,364	3,404	1,681	1,164	1,113	1,651	1,763
Population per square mile, 1910.....	8.2	5.4	12.0	9.3	3.0	10.3	4.0	8.1	7.9	19.2
Rural population per square mile, 1910.....	7.3	5.4	8.9	9.3	3.0	10.3	4.0	8.1	4.6	11.1
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....	63,236	(²)	4,606		(²)		(²)	(³)	5,443	14,331
Same places in 1900.....	33,362	(²)	2,446		(²)		(²)	(³)	3,319	9,589
Per cent of increase, 1900-1910.....	89.5	(²)	88.3				(²)	(³)	64.0	49.5
Rural, 1910—Remainder of county in 1910.....	513,820	² 5,407	13,460	12,681	² 10,186	17,295	² 4,668	³ 9,064	7,644	19,604
Same territory in 1900.....	285,784	² 72	10,713	8,320	(⁶)	7,532	(⁶)	³ 2,049	2,762	19,036
Per cent of increase, 1900-1910.....	79.8	² 7,409.7	25.6	52.4	(⁶)	129.6	(⁶)	³ 342.4	176.8	3.0
Urban, 1900—Places of 2,500 or more in 1900.....	23,413								3,319	9,589
Rural, 1900—Remainder of county in 1900.....	295,733	(²)	13,159	8,320	² 975	7,532	(²)	(³)	2,762	19,036
Per cent in places of 2,500 or more, 1910.....	11.0	(²)	25.5		(²)		(²)	(³)	41.6	42.2
Per cent in places of 2,500 or more, 1900.....	7.3								54.6	33.5
COLOR AND NATIVITY										
White.....	569,855	5,407	18,063	11,646	10,174	17,285	4,667	9,057	12,945	33,803
Number in 1900.....	311,712		13,159	7,139	971	7,530			6,032	28,550
Number in 1890.....	⁹ 182,407		7,045	2,452	169	2,893	6		4,148	19,634
Negro.....	617		2	9	6	10	1	4	54	120
Number in 1900.....	286		3		4	1			49	69
Number in 1890.....	⁹ 373		1		1				89	77
Black.....	460		2	1	5	10	1	4	42	109
Mulatto.....	157			8	1				12	11
Indian, Chinese, and Japanese (see Tables 1 and 12).....	6,584		1	1,026	6			3	88	12
Native white—Native parentage.....	162,461	2,384	4,779	3,532	4,621	4,960	1,971	2,749	5,295	10,456
Number in 1900.....	65,811		3,014	2,157	432	1,287			2,621	7,520
Native white—Foreign or mixed parentage.....	251,236	1,926	8,573	5,072	3,474	7,689	1,777	4,079	4,836	15,071
Number in 1900.....	133,311		5,785	2,855	236	2,997			1,971	12,007
Native white—Foreign parentage.....	180,054	1,262	6,032	3,466	2,224	5,252	1,222	2,658	3,302	10,362
Native white—Mixed parentage.....	71,182	664	2,541	1,606	1,250	2,437	555	1,421	1,534	4,709
Foreign-born white.....	156,158	1,097	4,711	3,042	2,079	4,636	919	2,229	2,814	8,276
Number in 1900.....	112,590		4,357	2,127	253	3,246			1,490	9,023
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	28.2	44.1	26.5	27.9	45.4	28.7	42.2	30.3	40.5	30.8
Per cent in 1900.....	20.6		22.9	25.9	49.4	17.1			43.1	26.5
Native white—Foreign or mixed parentage.....	43.5	35.6	47.5	40.0	34.1	44.5	38.1	45.0	37.0	44.4
Per cent in 1900.....	41.8		44.0	34.3	24.2	39.8			31.4	41.9
Foreign-born white.....	27.1	20.3	20.4	20.4	26.8	19.7	24.6	21.5	24.4	24.4
Per cent in 1900.....	35.3		33.1	25.6	25.9	43.1			24.5	31.5
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	5,149	31	55	19	537	50		17	135	141
Bulgaria.....	257	1		9	97	1	58		2	
Canada—French.....	2,376	6	26	15	3	301	11	13	25	206
Canada—Other.....	18,721	59	482	284	116	1,134	56	212	203	1,322
Denmark.....	5,355	37	213	90	41	115	28	303	70	231
England.....	3,070	27	87	44	53	116	19	44	93	267
Finland.....	1,186	7	3	3	3	1		2	140	16
France.....	265	3	1	1	1	16	1	3	22	21
Germany.....	16,572	113	734	111	256	422	177	228	295	1,451
Greece.....	1,083	1	3	55	60	28	2	27	16	15
Holland.....	709	3	35	2	8	12		15	11	30
Hungary.....	2,855	7	108	1	38				61	25
Ireland.....	2,498	12	82	53	40	81	12	32	96	250
Italy.....	1,262	93	82	12	12	1		5	90	107
Norway.....	45,937	437	2,122	1,650	365	1,790	302	887	352	2,456
Roumania.....	1,070	84	9	2		5	21	1	32	8
Russia.....	31,910	170	69	162	200	84	75	19	608	255
Scotland.....	1,696	3	56	29	30	132	2	29	61	156
Sweden.....	12,160	95	472	388	158	319	125	385	465	1,190
Switzerland.....	560	2	20	7	14	10	2	3	13	33
Turkey.....	662	3	10	21	25	1			6	28
Other foreign countries.....	805	6	25	14	22	15	2	4	18	38
NATIVE WHITE: Both parents born in—										
Austria.....	4,531	53	38	16	307	25	20	45	77	90
Canada—French.....	2,873	9	52	22	17	320	20	15	28	360
Canada—Other.....	13,066	28	321	205	66	679	44	86	107	822
Denmark.....	5,043	23	172	57	27	71	30	331	103	180
England.....	2,268	28	86	32	45	43	21	28	79	185
France.....	302	1	7	5	5	10	2	2	25	23
Germany.....	28,703	222	1,427	236	585	792	298	378	576	2,461
Holland.....	722	6	26	4	11	11	3	13	3	36
Hungary.....	1,622	2	114		16				7	23
Ireland.....	5,513	57	159	87	135	160	63	78	227	504
Norway.....	56,577	578	2,528	1,929	434	2,120	403	1,064	482	3,143
Russia.....	27,788	59	25	161	172	116	62	6	507	164
Scotland.....	1,091	5	55	14	15	69	5	11	39	115
Sweden.....	10,533	109	432	319	152	242	163	324	555	915
Switzerland.....	578	3	18	8	20	20	5	10	8	61
Wales.....	286		3	5	9	8		6	20	13
All others of foreign parentage ¹⁰	18,558	79	569	366	208	566	82	261	459	1,267

¹ For changes in boundaries, etc., see page 610.² For combined figures for Adams, Billings, Bowman, Dunn, Hettinger, McKenzie, Mercer, and Stark Counties, see Note 1 on page 610.³ For combined figures for Burke, Mountrail, Renville, and Ward Counties, see Note 2 on page 610.⁴ State total includes population (8,264) of Indian reservations specially enumerated in 1890, not distributed by counties; population (875) of Buford and Flan-

nery Counties, taken to form part of Williams County; and population (563) of Church, Garfield, Stevens, and Wallace Counties and old Hettinger, Mountrail, Renville, Sheridan, and Williams Counties, annexed to other counties between 1890 and 1900.

⁵ State total includes population (444) of Howard and Walleto Counties, taken to form other counties between 1880 and 1890 and population (274) of Mountrail, Stevens, and old Williams Counties, annexed to other counties between 1890 and 1900.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES.

A minus sign (—) denotes decrease.]

SUBJECT.	THE STATE.	Adams. ¹	Barnes. ¹	Benson. ¹	Billings. ¹	Bottineau. ¹	Bowman. ¹	Burke. ¹	Burleigh. ¹	Cass. ¹
SEX										
Total Male.....	317,554	3,168	9,788	7,039	6,005	9,348	2,733	5,000	7,564	18,297
Female.....	259,502	2,239	8,278	5,642	4,161	7,947	1,935	4,064	5,523	15,638
White.....	313,851	3,168	9,788	6,527	5,996	9,342	2,732	4,995	7,461	18,219
Male.....	250,004	2,239	8,278	5,119	4,178	7,943	1,935	4,062	5,484	15,584
Female.....	381		2	2	3	6	1	2	49	67
Negro.....	236			7	3	4		2	5	53
Female.....										
MALES OF VOTING AGE										
Total number.....	173,890	1,989	5,453	3,740	3,691	5,029	1,821	2,754	4,611	10,977
Number in 1900.....	95,217		4,418	2,623	426	2,418			2,335	9,114
Native white—Native parentage.....	43,358	677	1,174	823	1,432	1,273	604	617	1,764	3,222
Number in 1900.....	19,777		926	635	195	435			1,085	2,350
Native white—Foreign or mixed parentage.....	48,852	673	1,695	1,045	1,135	1,349	646	899	1,263	3,128
Number in 1900.....	17,902		1,001	536	92	365			386	1,972
Native white—Foreign parentage.....	38,401	516	1,398	818	813	1,061	495	702	939	2,465
Native white—Mixed parentage.....	10,451	157	297	227	322	288	151	107	324	603
Foreign-born white.....	79,721	639	2,581	1,676	1,116	2,406	570	1,235	1,528	4,556
Number in 1900.....	65,558		2,489	1,174	185	1,618			839	4,766
Negro.....	311		2	2	2	1	1	2	42	62
Number in 1900.....	115		2		4				21	24
Indian, Chinese, and Japanese.....	1,638		1	194	6			1	14	9
PER CENT OF TOTAL.										
Native white—Native parentage.....	24.9	34.0	21.5	22.0	35.8	25.3	33.2	22.4	38.3	20.4
Native white—Foreign or mixed parentage.....	28.1	33.8	31.1	27.9	30.8	26.8	35.5	32.6	27.4	28.5
Foreign-born white.....	45.8	32.1	47.3	44.8	30.2	47.8	31.3	44.8	33.1	41.5
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	46,636	167	1,438	926	429	1,635	148	783	884	2,675
Having first papers.....	9,824	172	275	184	238	138	158	234	194	314
Alien.....	10,965	2	442	308	174	307	56	148	154	678
Unknown.....	12,296	298	426	258	275	326	208	70	296	889
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	5,467	86	109	173	254	111	22	55	141	156
Per cent illiterate.....	3.1	4.3	2.0	4.6	6.9	2.2	1.2	2.0	3.1	1.4
Per cent in 1900.....	5.4		6.2	9.5	1.4	2.0			5.6	2.8
Native white, number illiterate.....	493	5	10	4	15	24	4	11	25	17
Per cent illiterate.....	0.5	0.4	0.3	0.2	0.6	0.9	0.3	0.7	0.8	0.3
Foreign-born white, number illiterate.....	4,029	81	99	53	236	87	18	44	115	137
Per cent illiterate.....	5.1	12.7	3.8	3.2	21.1	3.6	3.2	3.6	7.5	3.0
Negro, number illiterate.....	16								1	1
Per cent illiterate.....	5.1									
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	424,730	4,127	13,794	9,264	7,605	12,450	3,573	6,359	10,065	27,133
Number illiterate.....	13,070	157	210	384	549	243	27	133	194	333
Per cent illiterate.....	3.1	3.8	1.5	4.1	7.2	2.0	0.8	2.1	1.9	1.2
Native white, number.....	268,981	3,065	9,192	5,490	5,600	7,932	2,678	4,196	7,218	18,858
Number illiterate.....	1,413	6	19	11	42	62	5	19	28	31
Per cent illiterate.....	0.5	0.2	0.2	0.2	0.8	0.8	0.2	0.5	0.4	0.2
Foreign-born white, number.....	150,451	1,062	4,599	2,975	1,995	4,513	894	2,156	2,719	8,146
Number illiterate.....	9,474	151	191	102	504	181	22	114	165	298
Per cent illiterate.....	6.3	14.2	4.2	3.4	25.3	4.0	2.5	5.3	6.1	3.7
Negro, number.....	546		2	7	4	5	1	4	51	118
Number illiterate.....	26								1	3
Per cent illiterate.....	4.8									2.5
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	128,434	942	4,311	2,973	1,846	3,757	724	1,705	2,781	7,755
Number illiterate.....	2,120	25	24	39	131	31		11	26	24
Per cent illiterate.....	1.7	2.7	0.6	1.3	7.1	0.8		0.6	0.9	0.3
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	183,336	1,398	5,850	4,225	2,778	5,519	1,105	2,605	3,885	10,361
Number attending school.....	117,453	767	3,992	2,685	1,455	3,766	701	1,674	2,632	6,694
Per cent attending school.....	64.1	54.9	68.2	63.6	53.5	68.2	63.4	64.3	67.7	64.6
Number 6 to 9 years.....	54,902	456	1,539	1,252	932	1,762	381	900	1,104	2,606
Number attending school.....	38,745	263	1,098	741	533	1,341	283	599	842	2,050
Number 10 to 14 years.....	59,392	464	1,797	1,412	849	1,773	383	816	1,293	3,152
Number attending school.....	53,478	335	1,699	1,284	688	1,673	314	780	1,198	2,825
Number 15 to 17 years.....	33,052	225	1,132	748	426	909	160	423	673	2,029
Number attending school.....	18,960	121	779	507	224	581	86	243	423	1,254
Number 18 to 20 years.....	35,990	253	1,382	813	571	1,015	181	466	815	2,574
Number attending school.....	6,270	48	416	153	40	171	18	52	169	565
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	114,294	920	3,336	2,664	1,781	3,535	764	1,716	2,397	5,758
Number attending school.....	92,223	598	2,797	2,025	1,221	3,014	597	1,379	2,040	4,875
Per cent attending school.....	80.7	65.0	83.8	76.0	68.6	85.3	78.1	80.4	85.1	84.7
Native white—Native parentage, number.....	34,807	511	989	837	953	1,054	392	667	1,023	1,906
Number attending school.....	28,790	347	816	621	710	890	315	524	690	1,606
Per cent attending school.....	82.7	67.9	82.5	74.2	74.5	84.4	80.4	78.6	87.0	84.3
Native white—Foreign or mixed parentage, number.....	68,053	348	2,178	1,304	663	2,284	330	947	1,120	3,677
Number attending school.....	55,493	210	1,845	994	452	1,967	255	776	951	3,135
Per cent attending school.....	81.5	60.3	84.7	76.2	68.2	86.1	77.3	81.9	84.9	85.3
Foreign-born white, number.....	9,823	61	169	130	105	192	42	99	215	173
Number attending school.....	6,878	41	136	87	59	152	27	76	165	132
Per cent attending school.....	70.0		80.5	66.9	35.8	79.2			76.7	76.3
Negro, number.....	56			2		5			5	2
Number attending school.....	43			1		5			1	2
Per cent attending school.....										
DWELLINGS AND FAMILIES										
Dwellings, number.....	118,757	1,705	3,298	2,445	2,621	3,574	1,428	2,128	2,570	6,016
Families, number.....	120,910	1,712	3,411	2,474	2,653	3,585	1,431	2,138	2,624	6,297

¹ State total includes estimated population (1,192) of unorganized territory, within the present limits of North Dakota.

² See Note 5 on page 610.

³ Comparable figures not available; for combined figures, see Note 1 on page 610.

⁴ Totals include 284 whites specially enumerated in 1890, not distributed by counties, and 1,329 whites and 5 negroes in counties which were annexed to other counties between 1890 and 1900.

⁵ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Cavalier. ¹	Dickey. ¹	Divide. ¹	Dunn. ¹	Eddy. ¹	Emmons. ¹	Foster. ¹	Grand Forks. ¹	Griggs. ¹	Hettinger. ¹
POPULATION										
Total population, 1910.....	15,659	9,839	² 6,015	³ 5,302	4,800	9,796	5,313	27,888	6,274	³ 6,557
1900.....	12,580	6,061	(²)	(³)	3,330	4,349	3,770	24,459	4,744	(²)
1890.....	6,471	5,573		159	1,377	1,971	1,210	18,357	2,817	
1880.....						38	37	6,248		
1870.....										
Increase, 1900-1910.....	3,079	3,778	² 6,015	³ 5,302	1,470	5,447	1,543	3,429	1,530	³ 6,557
Per cent of increase.....	24.5	62.3	(²)	(³)	44.1	125.2	40.9	14.0	32.3	(²)
Increase, 1890-1900.....	6,109	488		-159	1,953	2,378	2,560	6,102	1,927	
Per cent of increase.....	94.4	8.8			141.8	120.6	211.6	33.2	68.4	
Land area (square miles).....	1,494	1,142	1,270	2,084	651	1,563	644	1,433	717	1,132
Population per square mile, 1910.....	10.5	8.6	4.7	2.5	7.4	6.3	8.3	19.5	8.8	5.8
Rural population per square mile, 1910.....	10.5	8.6	4.7	2.5	7.4	6.3	8.3	10.8	8.8	5.8
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....			(²)	(³)				12,478		(²)
Same places in 1900.....			(²)	(³)				7,652		(²)
Per cent of increase, 1900-1910.....								63.1		
Rural, 1910—Remainder of county in 1910.....	15,659	9,839	² 6,015	³ 5,302	4,800	9,796	5,313	15,410	6,274	³ 6,557
Same territory in 1900.....	12,580	6,061	(²)	³ 1,064	3,330	4,349	3,770	16,807	4,744	³ 360
Per cent of increase, 1900-1910.....	24.5	62.3	(²)	³ 398.3	44.1	125.2	40.9	-8.3	32.3	³ 1,721.4
Urban, 1900—Places of 2,500 or more in 1900.....								7,652		
Rural, 1900—Remainder of county in 1900.....	12,580	6,061	(²)	(³)	3,330	4,349	3,770	16,807	4,744	(²)
Per cent in places of 2,500 or more, 1910.....			(²)	(³)				44.7		(²)
Per cent in places of 2,500 or more, 1900.....								31.3		
COLOR AND NATIVITY										
White.....	15,462	9,833	6,012	5,065	4,798	9,781	5,310	27,822	6,259	6,549
Number in 1900.....	12,580	6,060			3,521	4,331	3,767	24,421	4,736	
Number in 1890.....	6,462	5,570		159	1,371	1,962	1,210	18,306	2,813	
Negro.....	14	6	3		2	9	3	60	15	8
Number in 1900.....		1			9	4	2	31	8	
Number in 1890.....		1			6	5		21	4	
Black.....	7	6	2		2	9	3	23	2	8
Mulatto.....			1					37	13	
Indian, Chinese, and Japanese (see Tables I and 12).....	183			237		6		6		
Native white—Native parentage.....	2,308	3,749	1,583	1,203	1,508	2,402	2,386	6,778	1,206	2,313
Number in 1900.....	969	1,662			1,123	798	1,779	4,440	702	
Native white—Foreign or mixed parentage.....	8,007	3,883	2,586	2,057	2,157	4,198	1,956	13,329	3,030	2,323
Number in 1900.....	5,421	2,300			1,297	1,629	1,210	11,496	2,250	
Native white—Foreign parentage.....	6,006	2,727	1,770	1,591	1,456	3,413	1,228	9,350	2,201	1,767
Native white—Mixed parentage.....	2,001	1,156	809	466	701	785	728	3,979	826	556
Foreign-born white.....	5,147	2,201	1,843	1,805	1,133	3,181	968	7,715	2,023	1,913
Number in 1900.....	6,149	1,808			501	2,004	778	8,476	1,784	
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	14.7	38.1	26.3	22.7	31.4	24.5	44.9	24.3	19.2	35.3
Per cent in 1900.....	7.6	32.2			35.7	18.3	47.2	18.2	14.8	
Native white—Foreign or mixed parentage.....	51.1	39.5	43.0	38.8	44.9	42.9	36.8	47.8	48.3	35.4
Per cent in 1900.....	43.1	37.9			38.9	35.2	32.1	47.0	47.4	
Foreign-born white.....	32.9	22.4	30.6	34.0	23.6	32.5	18.2	27.7	32.2	29.2
Per cent in 1900.....	48.9	29.8			27.1	46.1	20.6	34.7	37.6	
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	326	20	15	189	16	14	29	62	21	188
Bulgaria.....					6		1			
Canada—French.....	250	7	10	4	11	9	12	106	1	7
Canada—Other.....	2,144	237	121	42	121	66	127	1,856	180	44
Denmark.....	129	69	136	27	26	29	58	150	44	29
England.....	192	57	16	13	21	34	25	208	26	6
Finland.....	3	133		8	5	40	2	15	4	4
France.....	14	4	2		3	1		19	1	2
Germany.....	417	290	74	113			153	586	101	161
Greece.....	6	4	10		139	136		61	3	
Holland.....	4	5	9	2	13	182	16	9	1	5
Hungary.....	4		1	107	2	3	6	11	3	400
Ireland.....	100	46	15	9	49	18	35	203	3	7
Italy.....	7				2	2	5	40		
Norway.....	861	378	1,154	287	430	176	304	3,239	1,379	228
Roumania.....	2	4	1	17	4	7	6	26	1	28
Russia.....	408	716	50	908	11	2,323	34	418	6	725
Scotland.....	117	7	20	1	14		32	104	33	6
Sweden.....	121	188	203	68	215	97	111	501	212	59
Switzerland.....	23	13	2	8	27	11	1	14		5
Turkey.....	2	11			4	9		21	1	3
Other foreign countries.....	17	12	4	2	16	10	11	66	3	6
NATIVE WHITE: Both parents born in—										
Austria.....	163	33	9	97	8	8	14	35	30	124
Canada—French.....	334	11	7	7	6	7	1	84	1	8
Canada—Other.....	1,824	124	45	16	90	28	72	1,452	90	28
Denmark.....	119	67	117	28	15	21	63	153	24	32
England.....	79	50	20	22	23	24	28	119	9	21
France.....	3	2			2	2	2	57	1	4
Germany.....	583	469	180	146	235	240	251	944	211	288
Holland.....	2	10	4	1	27	252	13	12		15
Hungary.....	1			36						177
Ireland.....	123	102	67	24	74	52	87	348	20	61
Norway.....	1,229	431	1,020	365	495	187	364	4,385	1,451	332
Russia.....	563	759	18	622	9	2,240	23	250	1	507
Scotland.....	70	15	9	6	10	22	19	59	18	6
Sweden.....	96	202	125	28	255	95	96	407	162	52
Switzerland.....	9	20	5	9	39	26	5	12		6
Wales.....	6	5		3	1	9	8	11	3	1
All others of foreign parentage.....	803	426	144	181	167	200	182	1,010	180	105

¹ For changes in boundaries, etc., see page 610.² For combined figures for Divide and Williams Counties, see Note 3 on page 610.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Cavalier. ¹	Dickey. ¹	Divide. ¹	Dunn. ¹	Eddy. ¹	Emmons. ¹	Foster. ¹	Grand Forks. ¹	Griggs. ¹	Hettinger. ¹
SEX										
Total.. Male.....	8,553	5,371	3,524	2,991	2,729	5,223	3,021	14,860	3,519	3,766
Female.....	7,106	4,468	2,491	2,311	2,071	4,573	2,292	13,028	2,755	2,791
White.. Male.....	8,438	5,369	3,522	2,870	2,727	5,215	3,020	14,820	3,512	3,762
Female.....	7,024	4,464	2,490	2,195	2,071	4,566	2,290	13,002	2,747	2,787
Negro.. Male.....	9	4	2	2	2	6	1	35	7	4
Female.....	5	2	1	1	1	3	2	25	8	4
MALES OF VOTING AGE										
Total number.....	4,264	2,948	2,245	1,601	1,495	2,415	1,625	8,653	1,947	2,066
Number in 1900.....	5,637	1,741	.....	.....	1,089	1,087	1,212	7,320	1,439	.....
Native white—Native parentage.....	482	1,056	398	369	425	582	640	1,940	265	663
Number in 1900.....	275	585	.....	.....	315	229	527	1,292	203	.....
Native white—Foreign or mixed parentage.....	1,135	769	785	412	413	514	434	2,636	585	598
Number in 1900.....	463	307	.....	.....	240	126	239	1,666	291	.....
Native white—Foreign parentage.....	932	569	624	320	326	413	342	2,126	496	433
Native white—Mixed parentage.....	203	200	161	92	87	101	92	510	89	165
Foreign-born white.....	2,532	1,121	1,060	764	655	1,316	550	4,047	1,093	802
Number in 1900.....	2,879	848	.....	.....	502	731	443	4,360	944	.....
Negro.....	8	2	2	2	2	3	1	26	4	3
Number in 1900.....	.....	1	.....	.....	2	1	2	15	1	.....
Indian, Chinese, and Japanese.....	47	.....	.....	56	.....	.....	.....	4	.....	.....
PER CENT OF TOTAL										
Native white—Native parentage.....	11.3	35.8	17.7	23.0	28.4	24.1	39.4	22.4	13.6	32.1
Native white—Foreign or mixed parentage.....	26.6	26.1	35.0	25.7	27.6	21.3	26.7	30.5	30.0	28.9
Foreign-born white.....	60.8	38.0	47.2	47.7	43.8	54.5	33.8	46.8	56.1	38.8
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	1,828	679	500	301	451	930	364	2,304	659	381
Having first papers.....	82	58	291	300	59	176	35	339	107	199
Alien.....	368	143	166	56	89	125	84	618	203	112
Unknown.....	314	241	103	107	56	85	66	786	124	110
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	97	125	44	142	10	242	13	230	3	33
Per cent illiterate.....	2.3	4.2	2.0	8.9	0.7	10.0	0.8	2.7	0.2	1.6
Per cent in 1900.....	6.2	2.1	.....	.....	2.2	6.8	0.9	1.7	8.1	.....
Native white, number illiterate.....	11	9	23	7	.....	7	3	14	.....	2
Per cent illiterate.....	0.7	0.5	1.9	0.9	.....	0.6	0.3	0.3	.....	0.2
Foreign-born white, number illiterate.....	69	116	20	90	10	235	10	214	3	31
Per cent illiterate.....	2.7	10.3	1.9	13.0	1.5	17.9	1.8	5.3	0.3	3.9
Negro, number illiterate.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Per cent illiterate.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	11,207	7,454	4,463	3,704	3,633	6,514	3,926	22,044	4,751	4,645
Number illiterate.....	221	323	81	373	17	846	29	506	11	105
Per cent illiterate.....	2.0	4.3	2.0	10.1	0.5	13.0	0.7	2.3	0.2	2.3
Native white, number.....	6,113	5,327	2,712	1,923	2,515	3,525	2,975	14,410	2,751	2,889
Number illiterate.....	32	32	38	15	2	94	9	37	2	10
Per cent illiterate.....	0.5	0.6	1.4	0.8	0.1	2.7	0.3	0.3	0.1	0.3
Foreign-born white, number.....	4,963	2,124	1,748	1,613	1,116	2,076	949	7,564	1,989	1,749
Number illiterate.....	153	291	52	257	15	752	20	465	9	95
Per cent illiterate.....	3.1	13.7	3.0	15.9	1.3	25.3	2.1	6.1	0.5	5.4
Negro, number.....	9	3	3	.....	2	7	2	55	11	7
Number illiterate.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Per cent illiterate.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	3,817	2,367	912	989	1,173	2,258	1,211	6,645	1,452	1,273
Number illiterate.....	18	59	5	48	.....	254	4	56	2	20
Per cent illiterate.....	0.5	2.5	0.5	4.9	.....	11.2	0.3	0.8	0.1	1.6
SCHOOL AGE AND ATTENDANCE										
Total number, 6 to 20 years, inclusive.....	5,530	3,291	1,377	1,560	1,612	3,439	1,710	8,907	1,977	1,907
Number attending school.....	3,658	2,229	813	942	1,161	1,965	1,101	5,593	1,178	1,058
Per cent attending school.....	66.1	67.7	59.0	60.4	72.0	57.1	64.4	62.8	59.6	55.5
Number 6 to 9 years.....	1,713	924	465	571	439	1,181	499	2,262	525	634
Number attending school.....	1,225	737	309	374	339	689	347	1,535	362	374
Number 10 to 14 years.....	1,802	1,033	426	494	553	1,109	538	2,857	642	627
Number attending school.....	1,667	951	358	412	530	910	500	2,607	579	520
Number 15 to 17 years.....	1,045	604	237	253	325	595	289	1,754	359	332
Number attending school.....	595	376	117	120	217	284	178	1,040	182	141
Number 18 to 20 years.....	970	730	249	242	295	554	384	2,034	451	314
Number attending school.....	171	165	29	36	75	82	76	411	55	23
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	3,515	1,957	891	1,065	992	2,290	1,037	5,119	1,167	1,261
Number attending school.....	2,892	1,688	667	786	869	1,599	847	4,142	941	894
Per cent attending school.....	82.3	86.3	74.9	73.8	87.6	69.8	81.7	80.9	80.6	70.9
Native white—Native parentage, number.....	552	749	329	235	316	551	478	1,332	278	489
Number attending school.....	432	685	251	198	277	459	392	1,056	219	388
Per cent attending school.....	78.3	91.5	76.3	84.3	87.7	83.3	82.0	79.3	78.8	79.3
Native white—Foreign or mixed parentage, number.....	2,643	1,080	429	534	640	1,351	526	3,553	826	478
Number attending school.....	2,213	919	320	423	564	918	429	2,894	672	323
Per cent attending school.....	83.7	85.1	74.6	79.2	88.1	67.9	81.6	81.5	81.4	67.6
Foreign-born white, number.....	274	127	133	240	36	385	33	226	59	294
Number attending school.....	217	83	96	135	28	220	26	184	46	183
Per cent attending school.....	79.2	65.4	72.2	56.3	.....	57.0	.....	81.4	.....	62.2
Negro, number.....	2	1	.....	.....	.....	.....	.....	8	4	.....
Number attending school.....	2	1	.....	.....	.....	.....	.....	8	4	.....
Per cent attending school.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
DWELLINGS AND FAMILIES										
Dwellings, number.....	2,957	1,912	1,812	1,512	1,001	2,004	1,067	4,992	1,241	1,635
Families, number.....	2,973	1,982	1,828	1,521	1,020	2,007	1,070	5,292	1,257	1,641

¹ For combined figures for Adams, Billings, Bowman, Dunn, Hettinger, McKenzie, Mercer, and Stark Counties, see Note 1 on page 610.² Comparable figures not available; for combined figures, see Note 3 on page 610.³ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Kidder. ¹	Lamoure. ¹	Logan. ¹	McHenry. ¹	McIntosh. ¹	McKenzie. ¹	McLean. ¹	Mercer. ¹	Morton.	Moun- trail. ¹
POPULATION										
Total population, 1910.....	5,962	10,724	6,168	17,627	7,251	25,720	14,496	24,747	25,289	8,491
1900.....	1,754	6,048	1,625	5,253	4,818	(²)	4,791	21,778	10,277	(⁵)
1890.....	1,211	3,187	597	1,584	3,248	3	860	428	5,239	
1880.....	89	20							200	
1870.....										
Increase, 1900-1910.....	4,208	4,676	4,543	12,374	2,433	25,720	9,705	22,969	15,012	8,491
Per cent of increase.....	239.9	77.3	279.6	235.6	50.5	(²)	202.6	167.0	146.1	(⁵)
Increase, 1890-1900.....	543	2,861	1,028	3,669	1,570	-3	2,933	1,310	2,830	
Per cent of increase.....	44.8	89.8	172.2	231.6	48.3		341.0	306.1	54.0	
Land area (square miles).....	1,386	1,147	997	1,888	1,003	2,847	2,305	1,110	4,742	1,914
Population per square mile, 1910.....	4.3	9.3	6.2	9.3	7.2	2.0	6.3	4.3	5.3	4.4
Rural population per square mile, 1910.....	4.3	9.3	6.2	9.3	7.2	2.0	6.3	4.3	5.3	4.4
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....						(²)		(²)	3,873	(⁵)
Same places in 1900.....						(²)		(²)	1,658	(⁵)
Per cent of increase, 1900-1910.....						(²)		(²)	133.6	(⁵)
Rural, 1910—Remainder of county in 1910.....	5,962	10,724	6,168	17,627	7,251	25,720	14,496	24,747	21,416	8,491
Same territory in 1900.....	1,754	6,048	1,625	5,253	4,818	(⁵)	4,791	21,545	8,619	277
Per cent of increase, 1900-1910.....	239.9	77.3	279.6	235.6	50.5	(⁵)	418.8	207.2	148.5	2,965.3
Urban, 1900—Places of 2,500 or more in 1900.....										
Rural, 1900—Remainder of county in 1900.....	1,754	6,048	1,625	5,253	4,818	(²)	4,791	21,778	10,277	(⁵)
Per cent in places of 2,500 or more, 1910.....						(²)		(²)	15.3	(⁵)
Per cent in places of 2,500 or more, 1900.....										
COLOR AND NATIVITY										
White.....	5,951	10,719	6,167	17,610	7,248	5,718	13,861	4,613	23,980	8,400
Number in 1900.....	1,751	6,048	1,625	5,248	4,818		3,808	1,738	8,350	
Number in 1890.....	1,211	3,187	597	1,582	3,248	3	860	428	5,213	
Negro.....	11	5	1	14	3	2	4		12	1
Number in 1900.....	8			5			3		11	
Number in 1890.....									16	
Black.....	11	5	1	5	3		4		9	1
Mulatto.....				9		2			3	
Indian, Chinese, and Japanese (see Tables 1 and 12).....				3			631	134	1,288	90
Native white—Native parentage.....	2,409	3,430	833	5,622	573	2,473	3,876	794	5,888	2,745
Number in 1900.....	736	1,370	186	1,359	180		713	104	1,248	
Native white—Foreign or mixed parentage.....	2,029	4,671	2,970	7,219	4,037	1,904	5,797	2,084	9,827	3,434
Number in 1900.....	465	2,475	640	2,043	2,336		1,325	800	4,337	
Native white—Foreign parentage.....	1,413	3,503	2,442	5,087	3,584	1,210	4,217	1,706	7,642	2,378
Native white—Mixed parentage.....	616	1,108	528	2,132	453	694	1,580	378	2,185	1,056
Foreign-born white.....	1,513	2,618	2,364	4,769	2,638	1,341	4,188	1,735	8,274	2,221
Number in 1900.....	550	2,203	859	1,846	2,302		1,770	834	4,365	
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	40.4	32.0	13.5	31.9	7.9	43.2	26.7	16.7	23.3	32.3
Per cent in 1900.....	42.0	22.7	7.8	25.9	3.9		14.9	5.8	12.1	
Native white—Foreign or mixed parentage.....	34.0	43.6	48.2	41.0	55.7	33.3	40.0	43.9	38.9	40.4
Per cent in 1900.....	26.5	40.0	39.4	38.9	48.3		27.7	45.0	35.4	
Foreign-born white.....	25.4	24.4	38.3	27.1	36.4	23.4	28.9	36.5	32.7	26.2
Per cent in 1900.....	31.4	36.4	52.9	35.1	47.8		36.9	46.9	53.7	
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	34	24	11	35	10	37	259	7	350	49
Bulgaria.....				2	1		4		49	1
Canada—French.....	3	9	1	19			5		31	12
Canada—Other.....	68	168	23	389	12		158	17	172	153
Denmark.....	33	72	5	184	4		101	10	82	162
England.....	14	79	7	74	5		31	5	90	27
Finland.....		4	184	4			3		61	83
France.....	1	2	1	2	1		1		5	4
Germany.....	160	509	88	642	56	100	425	114	1,252	109
Greece.....	15		2	25	8		4		65	10
Holland.....	30	27	3	21	3		9		28	2
Hungary.....	6	1	4	5			1	36	511	3
Ireland.....	19	20	4	22	3	15	32	9	99	30
Italy.....	54	1		15			2		245	10
Norway.....	293	545	108	1,233	26	777	700	50	568	1,234
Roumania.....			9	100	22		85	11	62	1
Russia.....	645	643	1,802	1,636	2,457	40	1,861	1,393	4,115	20
Scotland.....	6	12	2	20	5		12		43	11
Sweden.....	111	399	96	281	12		447	63	355	249
Switzerland.....	3	10	3	28	4		12		44	9
Turkey.....	11	5	5	20	8		14		9	29
Other foreign countries.....	7	28	6	12	1	16	14	11	38	13
NATIVE WHITE: Both parents born in—										
Austria.....	14	33	1	19	4	21	148	3	238	66
Canada—French.....	5	16		12	2	25	4	1	12	9
Canada—Other.....	24	112	6	189	6	66	77	8	61	73
Denmark.....	21	71	2	113	6	25	120	6	82	84
England.....	19	66	12	53	3	29	33	5	114	21
France.....	2	2	2	5		3	1		8	3
Germany.....	251	1,044	158	979	119	143	771	172	1,871	218
Holland.....	31	29		8	7		3		28	5
Hungary.....	3	1	3	2					392	5
Ireland.....	46	90	22	110	10		115	18	259	89
Norway.....	372	708	144	1,669	36	600	891	78	643	1,313
Russia.....	391	556	1,759	1,134	3,288	19	1,286	1,229	2,934	17
Scotland.....	10	21	1	9	12	11	10	3	27	13
Sweden.....	98	364	59	239	13	63	425	79	329	204
Switzerland.....	6	19	4	25	7	4	7	4	23	10
Wales.....	6	9		5		1	2	6	19	1
All others of foreign parentage.....	115	302	209	516	71	144	324	70	602	242

¹ For changes in boundaries, etc., see page 610.² For combined figures for Adams, Billings, Bowman, Dunn, Hettinger, McKenzie, Mercer, and Stark Counties, see Note 1 on page 610.³ For combined figures for McLean and Sheridan Counties, see Note 4 on page 610.⁴ Includes 2,208 persons on that part of Standing Rock Indian Reservation in North Dakota, not returned by counties in 1900, distributed by color and nativity as follows: Native white—native parentage, 113; native white—foreign or mixed parentage, 101; foreign-born white, 84; negro, 3; Indian, 1,905; and Chinese, 2.⁵ For combined figures for Burke, Mountrail, Renville, and Ward Counties, see Note 2 on page 610.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Kidder. ¹	Lamoure. ¹	Logan. ¹	McHenry. ¹	McIntosh. ¹	McKenzie. ¹	McLean. ¹	Mercer. ¹	Morton.	Mountrail. ¹
SEX										
Total... Male.....	3,342	5,941	3,212	9,566	3,798	3,389	7,950	2,562	14,263	4,817
Female.....	2,620	4,783	2,956	8,061	3,453	2,381	6,537	2,185	11,026	3,674
White... Male.....	3,340	5,936	3,211	9,557	3,796	3,388	7,640	2,504	13,644	4,770
Female.....	2,611	4,783	2,956	8,053	3,452	2,330	6,221	2,109	10,345	3,630
Negro... Male.....	2	5	1	8	2	1	4		9	1
Female.....	9			6	1	1			3	
MALES OF VOTING AGE										
Total number.....	1,889	3,182	1,462	5,107	1,524	2,213	4,270	1,190	7,828	2,804
Number in 1900.....	586	1,715	843	1,740	937		1,397	430	10 2,812	
Native white—Native parentage.....	681	909	184	1,440	117	795	975	198	1,817	713
Number in 1900.....	222	409	56	466	51		213	36	10 401	
Native white—Foreign or mixed parentage.....	477	941	298	1,382	208	633	1,202	271	1,796	854
Number in 1900.....	91	304	16	559	48		178	60	10 415	
Native white—Foreign parentage.....	359	708	222	1,037	230	461	953	207	1,394	665
Native white—Mixed parentage.....	118	233	76	345	172		249	64	402	189
Foreign-born white.....	729	1,328	979	2,279	1,137	784	1,933	687	3,846	1,213
Number in 1900.....	270	1,002	291	914	838		760	320	10 1,493	
Negro.....	2	4	1	5	2	1	3		5	
Number in 1900.....	3			1			3		10 4	
Indian, Chinese, and Japanese.....				1			157	34	304	24
PER CENT OF TOTAL.										
Native white—Native parentage.....	36.1	28.6	12.6	28.2	7.7	35.9	22.8	16.6	23.2	25.4
Native white—Foreign or mixed parentage.....	25.3	29.6	20.4	27.1	17.6	28.6	28.1	22.8	22.9	30.5
Foreign-born white.....	38.6	41.7	67.0	44.6	74.6	35.4	45.3	57.7	49.1	43.3
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	383	717	580	1,382	694	380	1,155	357	1,928	639
Having first papers.....	205	156	95	149	247	165	317	189	740	315
Alien.....	99	141	35	493	57	113	225	12	686	122
Unknown.....	42	314	269	255	139	126	236	129	494	137
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	30	50	78	111	176	22	152	27	493	47
Per cent illiterate.....	1.6	1.6	5.3	2.2	11.5	1.0	3.6	2.3	6.3	1.7
Per cent in 1900.....	9.4	1.2	5.8	4.7	2.8		18.0	11.4	15.0	
Native white, number illiterate.....	2	3	6	11	6	3	5		17	10
Per cent illiterate.....	0.2	0.2	1.2	0.4	1.6	0.2	0.2		0.5	0.6
Foreign-born white, number illiterate.....	28	47	72	99	168	19	56	6	263	24
Per cent illiterate.....	3.8	3.5	7.4	4.3	14.8	2.4	2.9	0.9	6.8	2.0
Negro, number illiterate.....				1	2				1	
Per cent illiterate.....										
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	4,257	7,933	3,966	12,466	4,737	4,333	10,125	3,170	18,276	6,085
Number illiterate.....	77	132	224	310	568	49	418	102	1,123	104
Per cent illiterate.....	1.8	1.7	5.6	2.5	12.0	1.1	4.1	3.2	6.1	1.7
Native white, number.....	2,839	5,413	1,771	7,881	2,243	3,055	5,717	1,483	9,519	3,778
Number illiterate.....	5	18	38	23	148	8	12	9	47	20
Per cent illiterate.....	0.2	0.3	2.1	0.3	6.6	0.3	0.2	0.6	0.5	0.5
Foreign-born white, number.....	1,410	2,516	2,194	4,571	2,491	1,276	3,937	1,593	7,749	2,144
Number illiterate.....	72	114	186	285	418	41	198	43	558	54
Per cent illiterate.....	5.1	4.5	8.5	6.2	16.8	3.2	5.0	2.7	7.2	2.5
Negro, number.....	8	4	1	12	3	2	3		12	
Number illiterate.....				2	2				1	
Per cent illiterate.....										
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	1,142	2,584	1,337	3,655	1,937	812	2,894	1,056	5,529	1,426
Number illiterate.....	18	30	59	40	178	1	35	28	146	7
Per cent illiterate.....	1.6	1.2	4.4	1.1	9.2	0.1	1.2	2.7	2.6	0.5
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	1,698	3,592	2,089	5,451	2,841	1,248	4,292	1,589	7,991	2,155
Number attending school.....	1,109	2,358	1,162	3,632	1,152	782	2,814	876	4,720	1,454
Per cent attending school.....	65.3	65.6	55.6	66.6	40.5	62.7	65.6	49.5	59.1	67.5
Number 6 to 9 years.....	556	1,008	752	1,796	904	436	1,398	533	2,462	729
Number attending school.....	405	772	415	1,266	430	293	984	229	1,733	549
Number 10 to 14 years.....	548	1,196	696	1,755	957	402	1,448	531	2,586	723
Number attending school.....	483	1,089	582	1,577	591	330	1,313	414	2,182	651
Number 15 to 17 years.....	291	689	322	935	494	222	698	275	1,446	362
Number attending school.....	174	383	134	601	108	124	400	117	644	199
Number 18 to 20 years.....	303	719	319	965	486	188	748	250	1,497	341
Number attending school.....	47	114	31	188	23	35	117	26	161	55
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	1,104	2,204	1,448	3,551	1,861	838	2,846	1,064	5,048	1,452
Number attending school.....	888	1,861	997	2,843	1,021	623	2,297	643	3,915	1,200
Per cent attending school.....	80.4	84.4	68.9	80.1	54.9	74.3	80.7	60.4	77.6	82.6
Native white—Native parentage, number.....	504	716	199	1,185	127	429	817	178	1,198	580
Number attending school.....	399	613	148	1,001	113	308	723	111	969	484
Per cent attending school.....	79.2	85.6	74.4	84.5	89.0	71.8	88.5	62.4	80.9	83.4
Native white—Foreign or mixed parentage, number.....	443	1,328	902	1,938	1,462	318	1,368	635	2,708	707
Number attending school.....	369	1,130	631	1,566	768	250	1,064	396	2,155	578
Per cent attending school.....	83.3	85.1	70.0	80.0	52.5	78.6	77.8	62.4	79.6	81.8
Foreign-born white, number.....	156	159	347	423	272	91	525	233	925	143
Number attending school.....	119	117	218	274	140	65	419	128	626	118
Per cent attending school.....	76.3	73.6	62.8	64.8	51.5		79.8	54.9	67.7	82.5
Negro, number.....	1	1		5						
Number attending school.....	1	1		2						
Per cent attending school.....										
DWELLINGS AND FAMILIES										
Dwellings, number.....	1,531	2,040	1,227	3,660	1,289	1,925	3,370	1,025	5,400	2,290
Families, number.....	1,531	2,067	1,232	3,695	1,304	1,938	3,382	1,026	5,484	2,312

⁶ Includes 511 persons on part of Standing Rock Indian Reservation (505 whites and 1 negro).⁷ See Note 5 on page 610.⁸ Comparable figures not available; for combined figures, see Note 1 on page 610.⁹ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.¹⁰ Includes 675 persons on part of Standing Rock Indian Reservation, distributed by color and nativity as follows: Native white—native parentage, 67; native white—foreign or mixed parentage, 60; foreign-born white, 52; negro, 1; and Indian and Chinese, 495.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Nelson. ¹	Oliver. ¹	Pembina. ¹	Pierce. ¹	Ramsey. ¹	Ransom. ¹	Renville. ¹	Richland. ¹	Rolette. ¹	Sargent. ¹
POPULATION										
Total population, 1910.....	10,140	3,577	14,749	9,740	15,199	10,345	² 7,840	19,659	9,558	9,202
1900.....	7,316	990	17,869	4,765	9,198	6,919	(²)	17,387	7,995	6,039
1890.....	4,293	464	14,334	905	4,418	5,393		10,751	2,427	5,076
1880.....			4,862		281	537		3,597		
1870.....			1,213							
Increase, 1900-1910.....	2,824	2,587	-3,120	4,975	6,001	3,426	² 7,840	2,272	1,563	3,163
Per cent of increase.....	38.6	261.3	-17.5	104.4	65.2	49.5	(²)	13.1	19.5	52.4
Increase, 1890-1900.....	3,023	526	3,535	3,860	4,780	1,526		6,636	³ 3,175	963
Per cent of increase.....	70.4	113.4	24.7	426.5	108.2	28.3		61.7	³ 130.8	19.0
Land area (square miles).....	981	720	1,117	1,055	1,205	860	899	1,437	918	856
Population per square mile, 1910.....	10.3	5.0	13.2	9.2	12.6	12.0	8.7	13.7	10.4	10.8
Rural population per square mile, 1910.....	10.3	5.0	13.2	9.2	8.3	12.0	8.7	13.7	10.4	10.8
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....					5,157		(²)			
Same places in 1900.....					1,729		(²)			
Per cent of increase, 1900-1910.....					198.3		(²)			
Rural, 1910—Remainder of county in 1910.....	10,140	3,577	14,749	9,740	10,042	10,345	² 7,840	19,659	9,558	9,202
Same territory in 1900.....	7,316	990	17,869	4,765	7,469	6,919	² 774	17,387	7,995	6,039
Per cent of increase, 1900-1910.....	38.6	261.3	-17.5	104.4	34.4	49.5	² 912.9	13.1	19.5	52.4
Urban, 1900—Places of 2,500 or more in 1900.....							(²)			
Rural, 1900—Remainder of county in 1900.....	7,316	990	17,869	4,765	9,198	6,919	(²)	17,387	7,995	6,039
Per cent in places of 2,500 or more, 1910.....					33.9		(²)			
Per cent in places of 2,500 or more, 1900.....										
COLOR AND NATIVITY										
White.....	10,139	3,577	14,358	9,715	15,141	10,337	7,840	19,523	7,423	9,152
Number in 1900.....	7,316	990	17,769	4,748	9,188	6,905		17,369	7,445	5,896
Number in 1890.....	4,288	464	14,216	905	4,410	5,377		10,745	2,424	5,076
Negro.....	1		5	25	44	8		11	6	1
Number in 1900.....			2	17	9	14		13	4	1
Number in 1890.....	4		98	6	6	16		7	3	
Black.....	1		2	20	24	8		9	2	1
Mulatto.....			3	5	20			2	4	
Indian, Chinese, and Japanese (see Tables 1 and 12).....			386		14			125	2,129	49
Native white—Native parentage.....	2,269	1,012	1,265	2,326	4,907	3,483	2,932	4,663	2,186	2,006
Number in 1900.....	1,371	146	851	1,239	2,698	1,815		3,322	1,404	1,605
Native white—Foreign or mixed parentage.....	4,915	1,480	7,661	4,198	6,311	4,531	3,305	10,259	3,255	4,240
Number in 1900.....	3,463	476	7,920	1,711	3,623	2,995		8,730	2,047	2,638
Native white—Foreign parentage.....	3,469	1,119	5,918	3,337	4,409	2,969	2,131	7,194	2,199	2,842
Native white—Mixed parentage.....	1,446	361	1,743	861	1,902	1,532	1,174	3,065	1,056	1,398
Foreign-born white.....	2,955	1,085	5,432	3,191	3,923	2,323	1,603	4,601	1,982	1,916
Number in 1900.....	2,483	368	8,998	1,798	2,865	2,097		5,317	1,834	1,753
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	22.4	28.3	8.6	23.9	32.3	33.7	37.4	23.7	22.9	32.6
Per cent in 1900.....	18.7	14.7	4.8	26.0	29.3	26.2		19.1	18.3	26.6
Native white—Foreign or mixed parentage.....	48.5	41.4	51.9	43.1	41.5	43.8	42.2	52.2	34.1	46.1
Per cent in 1900.....	47.3	48.1	44.3	35.9	39.4	43.5		50.2	26.6	43.7
Foreign-born white.....	29.1	30.3	36.8	32.9	25.8	22.5	20.4	23.4	20.7	20.8
Per cent in 1900.....	33.9	37.2	50.4	37.7	31.1	30.3		30.6	24.2	29.0
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	36	29	100	19	64	10	15	590	11	36
Bulgaria.....										
Canada—French.....	7	4	278	18	90	8		14	389	14
Canada—Other.....	300	14	2,591	133	614	261	278	183	486	88
Denmark.....	64	32	960	51	177	34	220	100	71	57
England.....	34	12	193	27	107	41	37	48	72	37
Finland.....	63			2	88	13		3	2	15
France.....			34	4	5	10	2	3	26	3
Germany.....	144	254	302	147	313	265	180	1,377	101	283
Greece.....	58		1	22	93	28	20	15	75	
Holland.....	6	9	2	2	24	22	10	8		14
Hungary.....		38	19	10	1		5	25		9
Ireland.....	40	11	145	23	107	47	40	45	45	17
Italy.....	39		9	66	98	48		42	4	49
Norway.....	1,886	73	271	996	1,448	1,141	511	1,768	564	750
Roumania.....		1		8	4		1	7		
Russia.....	6	555	256	1,362	275	114	19	27	15	38
Scotland.....	40		115	13	46	29	12	22	17	14
Sweden.....	190	39	119	172	292	233	215	284	138	463
Switzerland.....	25	11	8	10	11	12	10	8	3	18
Turkey.....	6		1	99	34	1	8	3	8	1
Other foreign countries.....	11	3	28	7	37	6	8	20	5	10
NATIVE WHITE: Both parents born in—										
Austria.....	60	15	32	18	82	23	22	655	8	61
Canada—French.....	16	4	332	12	62	13	14	14	483	23
Canada—Other.....	134	3	2,280	70	406	149	158	93	400	56
Denmark.....	51	49	1,030	28	112	15	268	93	10	62
England.....	24	9	81	39	101	39	24	45	36	40
France.....	4		21	3	7	12	2	7	21	6
Germany.....	285	338	406	234	594	474	380	2,618	162	652
Holland.....	13	6		1	33	20	6	5		8
Hungary.....		18	1	4						7
Ireland.....	125	24	93	49	252	100	112	127	72	77
Norway.....	2,215	116	437	1,209	1,620	1,483	633	2,758	630	953
Russia.....	20	395	135	1,235	114	79	14	11	10	8
Scotland.....	23	3	41	4	36	11	9	12	13	10
Sweden.....	158	49	127	111	215	235	230	255	77	442
Switzerland.....		3	8	2	17	10	13	8	4	20
Wales.....	4	7	1	3	17	3	2	11	6	2
All others of foreign parentage.....	337	80	893	315	741	333	214	482	267	385

¹ For changes in boundaries, etc., see page 610.² For combined figures for Burke, Mountrail, Renville, and Ward Counties, see Note 2 on page 610.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Nelson. ¹	Oliver. ¹	Pembina. ¹	Pierce. ¹	Ramsey. ¹	Ransom. ¹	Renville. ¹	Richland. ¹	Rolette. ¹	Sargent. ¹
SEX										
Total... Male.....	5,673	1,953	7,780	5,378	8,721	5,639	4,304	10,545	5,160	5,120
Female.....	4,467	1,624	6,969	4,364	6,478	4,706	3,536	9,114	4,398	4,082
White... Male.....	5,672	1,953	7,571	5,364	8,687	5,632	4,304	10,475	4,106	5,098
Female.....	4,467	1,624	6,787	4,351	6,454	4,705	3,536	9,048	3,317	4,054
Negro... Male.....	1		3	12	27	7		6	3	
Female.....			2	13	17	1		5	3	1
MALES OF VOTING AGE										
Total number.....	3,066	993	3,943	2,627	5,272	3,136	2,308	5,366	2,669	2,709
Number in 1900.....	2,120	264	4,887	1,545	2,952	2,003		4,854	2,089	1,865
Native white—Native parentage.....	490	259	268	525	1,544	905	641	918	557	687
Number in 1900.....	374	40	239	388	861	518		817	365	450
Native white—Foreign or mixed parentage.....	908	263	911	607	1,487	984	788	1,965	500	925
Number in 1900.....	430	52	469	294	571	389		1,276	217	432
Native white—Foreign parentage.....	743	188	756	482	1,184	739	628	1,635	389	697
Native white—Mixed parentage.....	165	75	155	125	303	245	160	330	111	228
Foreign-born white.....	1,658	471	2,663	1,488	2,215	1,241	879	2,471	1,099	1,082
Number in 1900.....	1,316	172	4,164	861	1,515	1,088		2,755	916	970
Negro.....	1		2	7	20	6		5	2	
Number in 1900.....			1	2	3	8		2		
Indian, Chinese, and Japanese.....			104		6			7	511	15
PER CENT OF TOTAL.										
Native white—Native parentage.....	16.3	26.1	6.8	20.0	29.3	28.9	27.8	17.1	20.9	25.4
Native white—Foreign or mixed parentage.....	29.6	26.5	23.1	23.1	28.2	31.4	34.1	36.6	18.7	34.1
Foreign-born white.....	54.1	47.4	67.5	56.6	42.0	39.6	38.1	46.0	41.2	39.9
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	1,005	269	1,894	890	1,100	801	564	1,689	699	694
Having first papers.....	145	109	89	126	253	83	54	168	88	41
Alien.....	340	21	403	328	471	198	74	219	141	122
Unknown.....	168	72	277	144	391	159	187	395	231	225
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	54	6	192	184	116	63	50	97	440	30
Per cent illiterate.....	1.8	0.6	4.9	7.0	2.2	2.0	2.2	1.8	16.5	1.1
Per cent in 1900.....	5.2	3.8	4.9	4.8	1.9	1.9		6.2	27.5	3.9
Native white, number illiterate.....	3	1	25	15	10	4	2	12	21	10
Per cent illiterate.....	0.2	0.2	2.1	1.3	0.3	0.2	0.1	0.4	2.0	0.6
Foreign-born white, number illiterate.....	51	5	110	168	106	58	48	85	76	17
Per cent illiterate.....	3.1	1.1	4.1	11.3	4.8	4.7	5.5	3.4	6.9	1.6
Negro, number illiterate.....				1		1			1	
Per cent illiterate.....										
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	7,620	2,438	11,173	6,659	11,633	7,877	5,510	14,593	6,717	6,882
Number illiterate.....	97	36	411	415	206	139	104	203	965	67
Per cent illiterate.....	1.3	1.5	3.7	6.2	1.8	1.8	1.9	1.4	14.4	1.0
Native white, number.....	4,721	1,434	5,589	3,609	7,749	5,591	3,938	9,945	3,397	4,950
Number illiterate.....	7	3	52	29	15	8	9	22	39	17
Per cent illiterate.....	0.1	0.2	0.9	0.8	0.2	0.1	0.2	0.2	1.1	0.3
Foreign-born white, number.....	2,898	1,004	5,304	3,033	3,837	2,278	1,572	4,528	1,940	1,891
Number illiterate.....	90	33	251	384	191	130	95	180	132	42
Per cent illiterate.....	3.1	3.3	4.7	12.7	5.0	5.7	6.0	4.0	6.8	2.2
Negro, number.....	1		5	17	38	8	9	4	4	1
Number illiterate.....				2		1		1		
Per cent illiterate.....										
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	2,485	741	3,841	2,137	3,176	2,428	1,598	5,030	2,136	2,270
Number illiterate.....	8	16	58	63	38	9	14	16	167	3
Per cent illiterate.....	0.3	2.2	1.5	2.9	1.2	0.4	0.9	0.3	7.4	0.1
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	3,427	1,131	5,316	3,212	4,486	3,348	2,351	6,961	3,155	3,190
Number attending school.....	2,227	591	3,685	2,026	3,002	2,279	1,525	4,797	1,893	2,170
Per cent attending school.....	65.0	52.3	69.3	63.1	66.9	68.1	64.9	68.9	57.1	68.0
Number 6 to 9 years.....	942	390	1,475	1,075	1,310	920	753	1,931	1,019	920
Number attending school.....	689	200	1,131	732	947	723	499	1,543	624	687
Number 10 to 14 years.....	1,093	385	1,781	1,028	1,389	1,052	782	2,315	1,024	1,027
Number attending school.....	1,011	305	1,670	941	1,314	1,004	725	2,180	837	901
Number 15 to 17 years.....	642	168	1,048	549	815	670	397	1,328	544	604
Number attending school.....	395	65	663	270	548	404	245	803	296	366
Number 18 to 20 years.....	750	188	1,012	560	972	706	419	1,387	568	639
Number attending school.....	132	21	221	63	193	148	56	271	76	126
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	2,035	775	3,256	2,103	2,699	1,972	1,535	4,246	2,043	1,947
Number attending school.....	1,700	505	2,801	1,693	2,261	1,727	1,224	3,723	1,461	1,678
Per cent attending school.....	83.5	65.2	86.0	80.5	83.8	87.6	79.7	87.7	71.5	86.2
Native white—Native parentage, number.....	561	233	288	575	1,001	771	692	1,195	494	783
Number attending school.....	477	165	244	471	850	681	558	1,039	402	653
Per cent attending school.....	85.0	70.8	84.7	81.9	84.9	88.3	80.6	86.9	81.4	83.4
Native white—Foreign or mixed parentage, number.....	1,370	396	2,667	1,226	1,554	1,141	789	2,872	1,018	1,125
Number attending school.....	1,150	272	2,321	984	1,307	998	626	2,533	833	988
Per cent attending school.....	83.4	68.7	87.0	80.3	84.1	87.5	79.3	88.2	81.8	87.8
Foreign-born white, number.....	95	146	216	296	137	60	54	119	76	34
Number attending school.....	73	68	172	233	100	48	40	91	56	32
Per cent attending school.....		46.6	79.6	78.7	73.0			76.5		
Negro, number.....			1	6	4			2		
Number attending school.....			1	5	2			2		
Per cent attending school.....										
DWELLINGS AND FAMILIES										
Dwellings, number.....	1,863	872	2,815	1,752	2,652	2,016	1,721	3,665	1,944	1,846
Families, number.....	1,903	877	2,847	1,784	2,755	2,061	1,735	3,727	1,964	1,864

² See Note 5 on page 610.⁴ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Sheridan. ¹	Stark. ¹	Steele. ¹	Stutsman. ¹	Towner. ¹	Traill. ¹	Walsh. ¹	Ward. ¹	Wells. ¹	Williams. ¹
POPULATION										
Total population, 1910.....	2 8,103	3 12,504	7,616	18,189	8,963	12,545	19,491	4 25,281	11,814	5 14,234
1900.....	(2)	3 7,621	5,888	9,143	6,491	13,107	20,288	4 7,961	8,310	5 1,530
1890.....		2,304	3,777	5,266	1,450	10,217	10,587	1,681	1,212	
1880.....				1,007		4,123				
1870.....										
Increase, 1900-1910.....	2 8,103	3 4,883	1,728	9,046	2,472	-562	-797	4 17,320	3,504	5 12,704
Per cent of increase.....	(2)	3 64.1	29.3	98.9	38.1	-4.3	-3.9	4 217.6	42.2	5 830.3
Increase, 1890-1900.....		3,817	2,111	3,877	5,041	2,890	3,701	4 6,280	7,098	5 1,530
Per cent of increase.....		230.8	55.9	73.6	347.7	28.3	22.3	373.6	585.6	
Land area (square miles).....	996	1,356	717	2,282	1,037	865	1,282	2,054	1,293	2,138
Population per square mile, 1910.....	8.1	9.2	10.6	8.0	8.6	14.5	15.2	12.3	9.1	6.7
Rural population per square mile, 1910.....	8.1	6.5	10.6	6.1	8.6	14.5	15.2	9.3	9.1	5.2
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....		3 3,678		4,358				4 6,188		5 3,124
Same places in 1900.....		3 2,076		2,853				4 1,277		5 763
Per cent of increase, 1900-1910.....		3 77.2		52.8				4 354.6		5 309.4
Rural, 1910—Remainder of county in 1910.....	2 8,103	3 8,826	7,616	13,831	8,963	12,545	19,491	4 19,093	11,814	5 11,110
Same territory in 1900.....	2 1,997	3 4,202	5,888	6,290	6,491	13,107	20,288	4 3,584	8,310	5 (9)
Per cent of increase, 1900-1910.....	2 305.8	3 110.0	29.3	119.9	38.1	-4.3	-3.9	4 432.7	42.2	5 (9)
Urban, 1900—Places of 2,500 or more in 1900.....		3 7,621	5,888	6,290	6,491	13,107	20,288	4 7,961	8,310	5 1,530
Rural, 1900—Remainder of county in 1900.....	(2)	3 29.4		24.0				4 24.5		5 21.9
Per cent in places of 2,500 or more, 1910.....		3 29.4		31.2						
Per cent in places of 2,500 or more, 1900.....										
COLOR AND NATIVITY										
White.....	8,103	12,493	7,613	18,178	8,941	12,543	19,472	25,177	11,811	14,105
Number in 1900.....		7,611	5,887	9,189	6,490	13,105	20,284	7,874	8,310	1,368
Number in 1890.....		2,298	3,777	5,263	1,449	10,214	10,580	1,680	1,212	
Negro.....		6	3	8	19	2	5	67	3	24
Number in 1900.....		3	1	2		1	2	3		8
Number in 1890.....		2		3	1	1	7			
Black.....		6	3	8	18	1	5	60	3	14
Mulatto.....					1	1		7		10
Indian, Chinese, and Japanese (see Tables 1 and 12).....		5		3	3		14	37		105
Native white—Native parentage.....	1,191	2,604	1,896	6,490	4,238	2,132	2,442	10,340	2,818	5,475
Number in 1900.....		1,811	1,316	2,968	3,206	1,478	1,013	2,422	1,690	518
Native white—Foreign or mixed parentage.....	3,808	5,104	3,732	7,345	2,910	6,779	11,295	9,586	5,491	5,036
Number in 1900.....		2,426	2,714	3,417	1,650	6,852	10,025	5,083	3,425	532
Native white—Foreign parentage.....	3,182	4,155	2,545	5,115	2,033	4,998	8,340	6,205	4,020	3,360
Native white—Mixed parentage.....	626	949	1,187	2,230	877	1,781	2,955	3,380	1,465	1,670
Foreign-born white.....	3,104	4,785	1,985	4,343	1,793	3,632	5,705	5,251	3,502	3,594
Number in 1900.....		3,874	1,867	2,754	1,544	4,795	8,046	2,369	3,195	318
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	14.7	20.8	24.9	35.7	47.3	17.0	12.4	40.9	23.9	38.5
Per cent in 1900.....		17.2	22.4	32.5	50.8	11.3	8.0	50.4	20.8	33.9
Native white—Foreign or mixed parentage.....	47.0	40.8	49.0	40.4	32.5	54.0	57.9	37.9	46.5	35.4
Per cent in 1900.....		31.8	40.1	37.4	25.4	62.1	62.4	38.7	41.2	34.8
Foreign-born white.....	38.3	38.3	26.1	23.9	20.0	29.0	29.6	20.8	29.6	25.2
Per cent in 1900.....		50.8	31.5	30.1	23.8	36.6	39.7	29.8	38.4	20.8
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	17	308	2	55	9	22	838	146	119	22
Bulgaria.....	1					11		1		11
Canada—French.....	1	39	5	24		3	138	68	14	78
Canada—Other.....	60	132	120	432	336	175	1,354	586	144	332
Denmark.....	19	28	93	179	43	33	111	441	49	124
England.....	19	60	43	101	68	20	82	159	36	92
Finland.....		9	5	18	165	3	50	11	5	4
France.....	1	5	1	16	5	2		6		8
Germany.....	192	342	71	918	169	182	621	501	498	210
Greece.....		86	33	21	32	1	11	112	1	53
Holland.....	2	54	1	28	8	1	3	9	7	10
Hungary.....	2	1,310		16	2	1	13	27	20	7
Ireland.....	4	75	20	148	44	27	89	94	29	52
Italy.....		34	21	30			1	29	2	24
Norway.....	166	200	1,310	534	540	2,854	1,964	1,882	895	1,947
Romania.....		18		27						
Russia.....	2,215	1,932	2	1,245	112	10	30	515	1,217	112
Scotland.....		23	43	66	41	20	78	84	16	46
Sweden.....	63	80	183	341	131	240	347	505	243	388
Switzerland.....	4	38	4	17	4	2		11	14	15
Turkey.....	42	1	3	24	12	11	18	4	17	121
Other foreign countries.....	12	10	6	43	20	14	15	42	24	38
NATIVE WHITE: Both parents born in—										
Austria.....	8	238	5	45	11	31	1,256	139	59	24
Canada—French.....	11	73	4	18	33	1	207	66	18	74
Canada—Other.....	16	86	69	151	199	171	1,416	275	48	137
Denmark.....	23	45	42	132	73	36	139	502	31	109
England.....	25	48	45	116	51	23	38	91	44	52
France.....		2	1	12	1	1	3	12	3	5
Germany.....	244	519	161	1,469	306	315	1,218	1,021	662	397
Holland.....		13	1	20			5	17	2	6
Hungary.....		742		3	17	2	1	5		4
Ireland.....	28	139	53	269	84	71	102	273	66	152
Norway.....	231	259	1,764	615	599	3,878	2,718	2,307	1,062	1,661
Russia.....	2,207	1,618	1	1,274	98	1	4	322	1,318	47
Scotland.....		13	18	58	20	29	32	51	5	23
Sweden.....	49	64	154	254	105	177	327	460	186	256
Switzerland.....	2	6		41	3	1	6	10	21	10
Wales.....	5	1	8	10	1	3		9	27	7
All others of foreign parentage.....	332	289	219	628	429	258	868	646	470	402

¹ For changes in boundaries, etc., see page 610.² For combined figures for McLean and Sheridan Counties, see Note 4 on page 610.³ For combined figures for Adams, Billings, Bowman, Dunn, Hettinger, McKenzie, Mercer, and Stark Counties, see Note 1 on page 610.⁴ For combined figures for Burke, Mountrail, Renville, and Ward Counties, see Note 2 on page 610.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Sheridan. ¹	Stark. ¹	Steele. ¹	Stutsman. ¹	Towner. ¹	Traill. ¹	Walsh. ¹	Ward. ¹	Wells. ¹	Williams. ¹
SEX										
Total Male.....	4,312	6,848	4,255	10,017	4,969	6,747	10,323	13,770	6,460	8,234
Female.....	3,791	5,686	3,361	8,172	3,994	5,798	9,168	11,511	5,354	6,000
White Male.....	4,312	6,841	4,252	10,008	4,954	6,745	10,317	13,688	6,458	8,148
Female.....	3,791	5,682	3,361	8,170	3,987	5,798	9,155	11,489	5,353	5,957
Negro Male.....		2	3	6	13	2	2	45	2	14
Female.....		4		2	6		3	22	1	10
MALES OF VOTING AGE										
Total number.....	1,926	3,437	2,323	5,673	2,692	3,626	5,134	7,851	3,178	5,163
Number in 1900.....		2,165	1,775	2,855	2,089	3,390	5,288	2,727	2,503	557
Native white—Native parentage.....	268	779	442	1,899	1,194	386	396	2,707	663	1,586
Number in 1900.....		477	369	919	900	338	344	2,753	514	105
Native white—Foreign or mixed parentage.....	392	643	718	1,533	553	1,244	1,698	2,263	795	1,449
Number in 1900.....		275	406	572	342	915	916	1,601	477	133
Native white—Foreign parentage.....	207	451	592	1,164	413	1,084	1,475	1,692	654	1,114
Native white—Mixed parentage.....	95	192	126	369	140	160	223	571	141	335
Foreign-born white.....	1,260	2,008	1,160	2,252	933	1,995	3,036	2,807	1,718	2,077
Number in 1900.....		1,404	989	1,862	786	2,635	4,080	1,902	1,612	179
Negro.....		2	3	6	11	1	2	41	2	12
Number in 1900.....		2	1	1		1	1	2		2
Indian, Chinese, and Japanese.....		5		3	1		2	33		39
PER CENT OF TOTAL										
Native white—Native parentage.....	13.9	22.7	19.0	33.5	44.4	10.6	7.7	34.5	20.9	30.7
Native white—Foreign or mixed parentage.....	20.4	18.7	30.9	27.0	20.5	34.3	33.1	28.8	25.0	28.1
Foreign-born white.....	65.7	58.4	49.9	39.3	34.7	55.0	59.1	35.8	54.1	40.2
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	756	1,004	666	1,206	534	1,264	2,152	1,713	1,008	1,033
Having first papers.....	239	483	113	125	44	241	121	410	136	684
Alien.....	109	251	290	162	205	374	263	291	316	171
Unknown.....	162	270	91	739	150	116	500	393	258	189
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	87	135	67	175	43	62	161	100	71	102
Per cent illiterate.....	4.5	3.9	2.9	3.1	1.6	1.7	3.1	1.3	2.2	2.0
Per cent in 1900.....		14.6	2.3	7.6	3.8	1.6	4.7	3.4	5.1	3.4
Native white, number illiterate.....	8	7	7	31	7	6	40	14	8	8
Per cent illiterate.....	1.2	0.5	0.6	0.9	0.4	0.4	1.9	0.3	0.5	0.3
Foreign-born white, number illiterate.....	79	128	60	141	36	56	121	82	63	80
Per cent illiterate.....	6.2	6.4	5.2	6.3	3.9	2.8	4.0	2.9	3.7	3.9
Negro, number illiterate.....				1				3		2
Per cent illiterate.....										
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	5,224	8,788	5,735	13,703	6,507	9,665	14,703	18,393	8,203	10,648
Number illiterate.....	270	364	133	376	103	183	441	265	214	219
Per cent illiterate.....	5.2	4.1	2.3	2.7	1.6	1.9	3.0	1.4	2.6	2.1
Native white, number.....	2,336	4,333	3,775	9,444	4,758	6,068	9,006	13,201	4,853	7,098
Number illiterate.....	21	45	12	66	12	15	153	23	25	18
Per cent illiterate.....	0.9	1.0	0.3	0.7	0.3	0.2	1.7	0.2	0.5	0.3
Foreign-born white, number.....	2,888	4,445	1,957	4,249	1,729	3,595	5,682	5,092	3,347	3,451
Number illiterate.....	249	319	121	307	90	168	288	235	189	174
Per cent illiterate.....	8.6	7.2	6.2	7.2	5.2	4.7	5.1	4.6	5.6	5.0
Negro, number.....		5	3	7	17	2	5	63	3	22
Number illiterate.....				1	1			6		4
Per cent illiterate.....										
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	1,836	2,865	1,876	4,011	2,007	3,287	5,386	4,954	2,716	2,391
Number illiterate.....	61	93	8	39	18	1	86	48	35	30
Per cent illiterate.....	3.3	3.2	0.4	1.0	0.9	(⁶)	1.6	1.0	1.3	1.3
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	2,845	4,195	2,574	5,621	2,912	4,411	7,331	7,304	4,049	3,535
Number attending school.....	1,797	2,481	1,610	3,464	1,989	2,973	4,901	5,013	2,761	2,296
Per cent attending school.....	63.2	59.1	62.5	61.6	68.3	67.4	66.9	68.6	68.2	65.0
Number 6 to 9 years.....	1,009	1,330	698	1,610	905	1,124	1,945	2,350	1,333	1,144
Number attending school.....	583	851	482	1,113	699	888	1,506	1,772	1,052	887
Number 10 to 14 years.....	953	1,364	818	1,853	931	1,421	2,452	2,430	1,325	1,107
Number attending school.....	858	1,187	768	1,641	881	1,375	2,248	2,276	1,244	980
Number 15 to 17 years.....	448	742	476	1,055	489	853	1,493	1,190	657	592
Number attending school.....	274	339	276	565	311	518	876	733	355	336
Number 18 to 20 years.....	435	759	582	1,103	587	1,013	1,441	1,334	734	692
Number attending school.....	82	104	84	145	98	192	271	232	110	93
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	1,962	2,694	1,516	3,463	1,836	2,545	4,397	4,780	2,658	2,251
Number attending school.....	1,441	2,038	1,250	2,754	1,580	2,263	3,754	4,048	2,296	1,867
Per cent attending school.....	73.4	75.6	82.5	79.5	86.1	88.9	85.4	84.7	86.4	82.9
Native white—Native parentage, number.....	277	507	429	1,343	907	536	654	2,223	700	1,064
Number attending school.....	231	418	343	1,061	809	467	562	1,901	610	903
Per cent attending school.....	83.4	82.4	80.0	79.0	89.2	87.1	85.9	85.5	87.1	84.9
Native white—Foreign or mixed parentage, number.....	1,265	1,578	1,055	1,906	841	1,550	3,598	2,253	1,767	953
Number attending school.....	928	1,198	883	1,536	698	1,745	3,071	1,915	1,544	796
Per cent attending school.....	73.4	75.9	83.7	80.6	83.0	89.5	85.4	85.0	87.4	83.5
Foreign-born white, number.....	420	608	32	214	88	59	139	301	191	210
Number attending school.....	282	422	24	157	73	51	115	229	142	153
Per cent attending school.....	67.1	69.4		73.4			82.7	76.1	74.3	72.9
Negro, number.....		1					1	2		2
Number attending school.....							1	2		2
Per cent attending school.....										
DWELLINGS AND FAMILIES										
Dwellings, number.....	1,618	2,454	1,290	3,578	1,739	2,157	3,621	5,396	2,208	3,875
Families, number.....	1,632	2,568	1,309	3,665	1,748	2,195	3,641	5,582	2,243	3,933

⁵ For combined figures for Divide and Williams Counties, see Note 3 on page 610.⁶ Comparable figures not available; for combined figures, see Note 3 on page 610.⁷ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.⁸ Less than one-tenth of 1 per cent.

TABLE II.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR CITIES OF 10,000 OR MORE.

SUBJECT.	TOTAL, CITIES NAMED.	Fargo.	Grand Forks.	SUBJECT.	TOTAL, CITIES NAMED.	Fargo.	Grand Forks.
COLOR AND NATIVITY				SEX			
Total population, 1910.....	26,809	14,331	12,478	Total... Male.....	13,803	7,352	6,451
1900.....	17,241	9,589	7,652	Female.....	13,006	6,979	6,027
Native white—Native parentage.....	8,953	5,422	3,531	White... Male.....	13,704	7,288	6,416
Native white—Foreign or mixed parentage.....	10,884	5,599	5,285	Female.....	12,940	6,933	6,007
Foreign-born white.....	6,807	3,200	3,607	Negro... Male.....	84	54	30
Negro.....	148	99	49	Female.....	64	45	19
Indian, Chinese, and Japanese.....	17	11	6	MALES OF VOTING AGE			
FOREIGN NATIONALITIES				Total number.....	8,805	4,769	4,036
FOREIGN-BORN WHITE: Born in—				Native white—Native parentage.....	2,944	1,760	1,184
Austria.....	59	31	28	Native white—Foreign or mixed parentage.....	2,348	1,279	1,069
Canada—French.....	122	61	61	Foreign-born white.....	3,425	1,669	1,756
Canada—Other.....	1,458	474	984	Negro.....	76	53	23
Denmark.....	129	76	53	CITIZENSHIP OF FOREIGN-BORN WHITE.			
England.....	269	145	124	Naturalized.....	1,940	1,011	929
Finland.....	18	8	10	Having first papers.....	246	144	102
France.....	10	5	5	Alien.....	587	254	333
Germany.....	590	288	302	Unknown.....	652	260	392
Greece.....	34	3	3	ILLITERACY			
Holland.....	10	7	3	Total number 10 years old and over.....	21,893	11,835	10,058
Ireland.....	224	118	106	Number illiterate.....	408	95	313
Italy.....	95	56	39	Native white 10 years old and over.....	15,099	8,592	6,507
Norway.....	2,190	1,059	1,131	Number illiterate.....	26	11	15
Roumania.....	34	8	26	Foreign-born white 10 years old and over.....	6,634	3,134	3,500
Russia.....	577	191	386	Number illiterate.....	377	82	295
Scotland.....	111	54	57	Negro 10 years old and over.....	144	99	45
Sweden.....	776	551	225	Number illiterate.....	2	2	.....
Switzerland.....	26	18	8	Illiterate males of voting age.....	176	37	139
Turkey.....	29	18	11	SCHOOL AGE AND ATTENDANCE			
Wales.....	18	10	8	Total number 6 to 20 years, inclusive.....	7,311	3,766	3,545
Other foreign countries.....	28	19	9	Number attending school.....	4,735	2,514	2,221
NATIVE WHITE: Both parents born in—				PERSONS 6 TO 14 YEARS, INCLUSIVE.			
Austria.....	46	23	23	Total number.....	3,992	1,980	2,012
Canada—French.....	96	48	48	Number attending school.....	3,380	1,750	1,624
Canada—Other.....	981	253	728	Native white—Native parentage, number.....	1,463	858	605
Denmark.....	98	55	43	Number attending school.....	1,237	763	474
England.....	151	76	75	Native white—Foreign or mixed parentage, number.....	2,307	1,054	1,253
France.....	23	14	9	Number attending school.....	1,958	930	1,028
Germany.....	906	542	364	Foreign-born white, number.....	216	63	148
Ireland.....	474	280	194	Number attending school.....	179	63	116
Norway.....	2,566	1,270	1,296	Negro, number.....	6	.....	6
Russia.....	327	118	209	Number attending school.....	6	.....	6
Scotland.....	88	52	36	DWELLINGS AND FAMILIES			
Sweden.....	650	458	192	Dwellings, number.....	4,798	2,607	2,191
Switzerland.....	18	10	8	Families, number.....	5,313	2,847	2,466
Wales.....	12	9	3				
All others of foreign parentage ¹	1,113	596	517				

¹ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

STATISTICS OF POPULATION.

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TABLE III.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR CITIES OF 2,500 TO 10,000.

SUBJECT.	TOTAL, CITIES NAMED.	Bismarck.	Devils Lake.	Dickinson.	James- town.	Mandan.	Minot.	Valley City.	Willis- ton.
SEX, COLOR, AND NATIVITY									
Total population, 1910.....	36,427	5,443	5,157	3,678	4,358	3,873	6,188	4,608	3,124
1900.....	16,121	3,319	1,729	2,076	2,853	1,658	1,277	2,446	763
Male.....	20,106	3,073	3,038	2,032	2,270	2,458	3,307	2,174	1,754
Female.....	16,321	2,370	2,119	1,646	2,088	1,415	2,881	2,432	1,370
Native white—Native parentage.....	14,861	2,522	2,159	1,226	1,956	1,207	2,824	1,546	1,421
Native white—Foreign or mixed parentage.....	12,898	1,842	1,714	1,332	1,522	1,368	2,120	1,985	1,015
Foreign-born white.....	8,362	965	1,236	1,115	878	1,293	1,150	1,072	653
Negro.....	158	30	42	.....	2	4	58	2	20
Indian, Chinese, and Japanese.....	148	84	6	5	.....	1	36	1	15
MALES OF VOTING AGE									
Total number.....	12,989	1,989	2,120	1,217	1,410	1,639	2,150	1,305	1,159
Native white—Native parentage.....	5,060	875	895	426	625	492	914	378	455
Native white—Foreign or mixed parentage.....	3,416	568	549	256	357	407	580	384	315
Foreign-born white.....	4,352	514	352	530	426	739	587	540	304
Naturalized.....	2,087	301	255	239	203	276	325	317	171
Negro.....	92	20	19	.....	2	1	37	2	11
ILLITERACY									
Total number 10 years old and over.....	29,333	4,439	4,219	2,828	3,498	3,194	4,865	3,791	2,499
Number illiterate.....	706	122	129	94	45	148	26	17	125
Native white 10 years old and over.....	20,965	3,400	2,988	1,772	2,641	1,956	3,660	2,731	1,827
Number illiterate.....	25	2	2	4	2	7	6	.....	2
Foreign-born white 10 years old and over.....	8,087	939	1,189	1,051	855	1,233	1,124	1,057	639
Number illiterate.....	662	119	127	90	43	141	14	17	111
Negro 10 years old and over.....	144	27	36	.....	2	4	55	2	18
Number illiterate.....	10	1	.....	.....	.....	.....	5	.....	4
Illiterate males of voting age.....	408	89	75	61	17	85	12	7	62
SCHOOL AGE AND ATTENDANCE									
Total number 6 to 20 years, inclusive.....	9,956	1,560	1,273	1,084	1,218	1,071	1,488	1,490	772
Number attending school.....	6,633	1,076	775	669	628	685	1,103	1,191	506
PERSONS 6 TO 14 YEARS, INCLUSIVE.									
Native white, number.....	5,021	793	659	533	646	454	853	689	394
Number attending school.....	4,250	706	508	439	415	419	770	637	356
Foreign-born white, number.....	481	65	68	109	44	83	54	37	21
Number attending school.....	366	45	43	74	29	77	49	34	15
Negro, number.....	12	5	4	.....	.....	.....	2	.....	1
Number attending school.....	5	.....	2	.....	.....	.....	2	.....	1
DWELLINGS AND FAMILIES									
Dwellings, number.....	6,468	904	811	679	889	616	1,158	819	502
Families, number.....	6,984	941	900	720	955	647	1,300	892	629

NOTES REGARDING CHANGES IN BOUNDARIES, ETC., OF COUNTIES.

- ADAMS.—Organized from part of Stark in 1907. (See also Note 1.)
- BARNES.—Organized from parts of Burbank and Cass in 1875.
- BENSON.—Organized from parts of De Smet and Ramsey in 1883.
- BILLINGS.—Formed from unorganized territory in 1879; part taken to form Bowman in 1883; Bowman and McKenzie and part of Allred annexed in 1897; part taken to form Bowman in 1907 and part of McKenzie in 1905. (See also Note 1.)
- BOTTINEAU.—Organized from part of Buffalo County, South Dakota, in 1873, and part of old Renville annexed in 1897.
- BOWMAN.—Formed from part of Billings in 1883; annexed to Billings in 1897; organized from part of Billings in 1907. (See also Note 1.)
- BURKE.—Organized from part of Ward in 1910. (See also Note 2.)
- BURLEIGH.—Organized from part of Buffalo County, South Dakota, in 1873.
- CASS.—Organized from part of Pembina in 1873; parts taken to form parts of Barnes and Traill in 1875.
- CAVALIER.—Organized from part of Pembina in 1873; part taken to form part of Towner in 1883.
- DICKEY.—Organized from part of Lamoure in 1881.
- DIVIDE.—Organized from part of Williams in 1910. (See also Note 3.)
- DUNN.—Formed from part of Howard in 1883; annexed to Stark in 1897; organized from parts of Mercer and Stark in 1908. (See also Note 1.)
- EDDY.—Organized from part of Foster in 1885.
- EMMONS.—Formed from unorganized territory in 1879.
- FOSTER.—Organized from part of Pembina in 1873; parts taken to form Eddy in 1885, part of Griggs in 1881, and part of Nelson in 1883.
- GRAND FORKS.—Organized from part of Pembina in 1873; parts taken to form part of Traill in 1875, part of Walsh in 1881, and part of Nelson in 1883.
- GRIGGS.—Organized from parts of Foster and Traill in 1881; part taken to form part of Steele in 1883.
- HETTINGER.—Organized from part of Stark in 1907. (See also Note 1.)
- KIDDER.—Organized from part of Buffalo County, South Dakota, in 1873.
- LAMOURE.—Organized from parts of Buffalo County, South Dakota, and Pembina in 1873; part taken to form Dickey in 1881.
- LOGAN.—Organized from part of Buffalo County, South Dakota, in 1873; part taken to form McIntosh in 1883.
- McHENRY.—Organized from part of Buffalo County, South Dakota, in 1873; part taken to form part of Church in 1887; part of Church annexed between 1890 and 1900.
- McINTOSH.—Organized from part of Logan in 1883.
- McKENZIE.—Formed from part of Howard in 1883; annexed to Billings in 1897; organized from parts of Billings and Stark in 1905. (See also Note 1.)
- McLEAN.—Organized from part of Stevens in 1883; Garfield and Sheridan annexed in 1891, and parts of Church and Stevens annexed between 1890 and 1900; part taken to form Sheridan in 1909. (See also Note 4.)
- MERCER.—Organized from part of Hanson County, South Dakota, in 1873; part taken to form Oliver in 1885; part of old Williams annexed between 1890 and 1900; part taken to form part of Dunn in 1908. (See also Note 1.)
- MOUNTRAIL.—Organized from part of Ward in 1909. (See also Note 2.)
- NELSON.—Organized from parts of Foster, Grand Forks, and Ramsey in 1883.
- OLIVER.—Organized from part of Mercer in 1885.
- PEMBINA.—Parts of Chippewa and Kittson annexed in 1871; parts taken to form Cass, Cavalier, Foster, Grand Forks, Ramsey, Ransom, and parts of Lamoure, Renville, and Stutsman in 1873 and part of Walsh in 1881.
- PIERCE.—Organized from De Smet in 1887 and part of Church annexed between 1890 and 1900.
- RAMSEY.—Organized from part of Pembina in 1873; parts taken to form parts of Benson and Nelson in 1883.
- RANSOM.—Organized from part of Pembina in 1873; part taken to form part of Sargent in 1883.
- RENVILLE.—Organized from part of Ward in 1910. (See also Note 2.)
- RICHLAND.—Formed from unorganized territory in 1873; part of Sisseton and Wahpeton Indian Reservation annexed between 1880 and 1890.
- ROLETTE.—Organized from part of Buffalo County, South Dakota, in 1873; part taken to form part of Towner in 1883.
- SARGENT.—Organized from parts of Ransom County and Sisseton and Wahpeton Indian Reservation in 1883.
- SHERIDAN.—Organized from part of McLean in 1909. (See also Note 4.)
- STARK.—Formed from unorganized territory in 1879; part taken to form old Hettinger in 1883; Dunn, Hettinger, and Wallace annexed in 1897 and part of old Williams annexed between 1890 and 1900; parts taken to form Adams and Hettinger in 1907, part of Dunn in 1908, and part of McKenzie in 1905. (See also Note 1.)
- STEELE.—Organized from parts of Griggs and Traill in 1883.
- STUTSMAN.—Organized from parts of Buffalo County, South Dakota, and Pembina in 1873.
- TOWNER.—Organized from parts of Cavalier and Rolette in 1883.
- TRAILL.—Organized from parts of Burchard, Cass, and Grand Forks in 1875; parts taken to form part of Griggs in 1881 and part of Steele in 1883.
- WALSH.—Organized from parts of Grand Forks and Pembina in 1881.
- WARD.—Organized from parts of Stevens and old Renville in 1885; old Mountrail annexed in 1891, part of old Renville annexed in 1897, and part of Stevens annexed between 1890 and 1900; parts taken to form Mountrail in 1909 and Burke and Renville in 1910. (See also Note 2.)
- WELLS.—Organized as Gingras from part of Buffalo County, South Dakota, in 1873. Name changed in 1881.
- WILLIAMS.—Organized from Buford, Flannery, and part of Allred between 1890 and 1900; part taken to form Divide in 1910. (See also Note 3.)
- NOTE 1.—*Adams, Billings, Bowman, Dunn, Hettinger, McKenzie, Mercer, and Stark Counties combined.*—Total population: 1910, 55,091, 1900, 10,374; increase, 1900-1910, 44,717; per cent of increase, 431.0. Urban population—1910, 3,678; same places in 1900, 2,076; per cent of increase, 77.2. Rural population—1910, 51,413; same territory in 1900, 8,298; per cent of increase, 519.6. Rural population—1900, 10,374. Per cent in places of 2,500 or more in 1910, 6.7.
- NOTE 2.—*Burke, Mountrail, Renville, and Ward Counties combined.*—Total population: 1910, 50,676, 1900, 7,961; increase, 1900-1910, 42,715; per cent of increase, 536.6. Urban population—1910, 6,188; same places in 1900, 1,277; per cent of increase, 384.6. Rural population—1910, 44,488; same territory in 1900, 6,684; per cent of increase, 565.6. Rural population—1900, 7,961. Per cent in places of 2,500 or more in 1910, 12.2.
- NOTE 3.—*Divide and Williams Counties combined.*—Total population: 1910, 20,249; 1900, 1,530; increase, 1900-1910, 18,719; per cent of increase, 1,223.5. Urban population—1910, 3,124; same places in 1900, 763; per cent of increase, 309.4. Rural population—1910, 17,125; same territory in 1900, 767; per cent of increase, 2,132.7. Rural population—1900, 1,530. Per cent in places of 2,500 or more in 1910, 15.4.
- NOTE 4.—*McLean and Sheridan Counties combined.*—Total population: 1910, 22,599; 1900, 4,791; increase, 1900-1910, 17,808; per cent of increase, 371.7. Rural population—1910, 22,599; same territory in 1900, 4,791; per cent of increase, 371.7. Rural population—1900, 4,791.
- NOTE 5.—In computing this increase the population of Indian reservations in 1900 has been deducted from the total population of the county in order to make that total comparable with the total for 1890, which does not include the population of Indian reservations. The population thus deducted in the several counties was as follows: Benson, 1,268; McLean, 998; Mercer, 40; Morton, 2,208; and Rolette, 2,393.

CHAPTER 3.

STATISTICS OF AGRICULTURE FOR THE STATE AND ITS COUNTIES.

Introduction.—This chapter presents a complete statement of the statistics of agriculture for North Dakota collected at the census of 1910. Statistics of farms and farm property relate to April 15, 1910; those of farm products, expenses, and receipts are for the calendar year 1909.

Definitions.—To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

Farm.—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term referring to the work of growing crops, producing other agricultural products, and raising animals, fowls, and bees. A "farm" as thus defined may consist of a single tract of land, or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. Further, when a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1909.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who directs the operations of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, tenants, and managers.

Farm owners include (1) farmers operating their own land only, and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "owners" being then restricted to those owning all their land.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1910 in three classes: (1) *Share tenants*—those who pay a certain share of the products, as one-half, one-third, or one-quarter; (2) *share-cash tenants*—those who pay a share of the products for part of the land rented by them and cash for part, and (3) *cash tenants*—those who pay a cash rental or a stated amount of labor or products, such as \$7, 10 bushels of wheat, or 100 pounds of seed cotton per acre.

Managers are farmers who are conducting farm operations for the owner for wages or a salary.

Farm land.—Farm land is divided into (1) improved land, (2) woodland, and (3) all other unimproved land. The same classification was followed in 1880. At former censuses, except that of 1880, farm land was divided into improved land and unimproved land, woodland being included with unimproved land. *Improved*

land includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings. *Woodland* includes all land covered with natural or planted forest trees, which produce, or later may produce, firewood or other forest products. *All other unimproved land* includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest. The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics therefore must be considered at best only a close approximation.

Total value of farm products.—No attempt has been made at this census to compute or even to estimate approximately the total value of farm products. Among the numerous difficulties which stand in the way of obtaining a total which would be at once comprehensive, free from duplication, and confined exclusively to the products of a definite period of time are the following:

(1) The duplication resulting from the feeding of farm crops to farm live stock, when the value both of the products derived from such live stock and of the crops are included in the same total. In 1900 an attempt was made to eliminate this duplication by means of an inquiry as to the total value of the products of each farm fed to the live stock on that farm, but, aside from the fact that this would not eliminate the duplication where the products of one farm are fed to the live stock of another farm, it is believed that the farmers were unable to make even approximately accurate answers to the inquiry, and it was accordingly not included in the schedule for 1910.

(2) The fact that farmers may buy domestic animals during the census year which are subsequently sold or slaughtered during the same year, and that it is impossible to eliminate the duplication accurately; and the further fact that the value of domestic animals sold or slaughtered, or of forest products cut, during a given year (as well as some other minor items) does not usually represent a value created wholly during that year, and that it is quite impossible to ascertain the value created during the year.

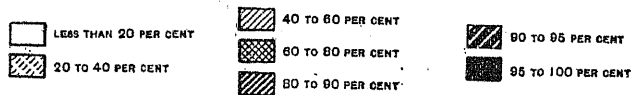
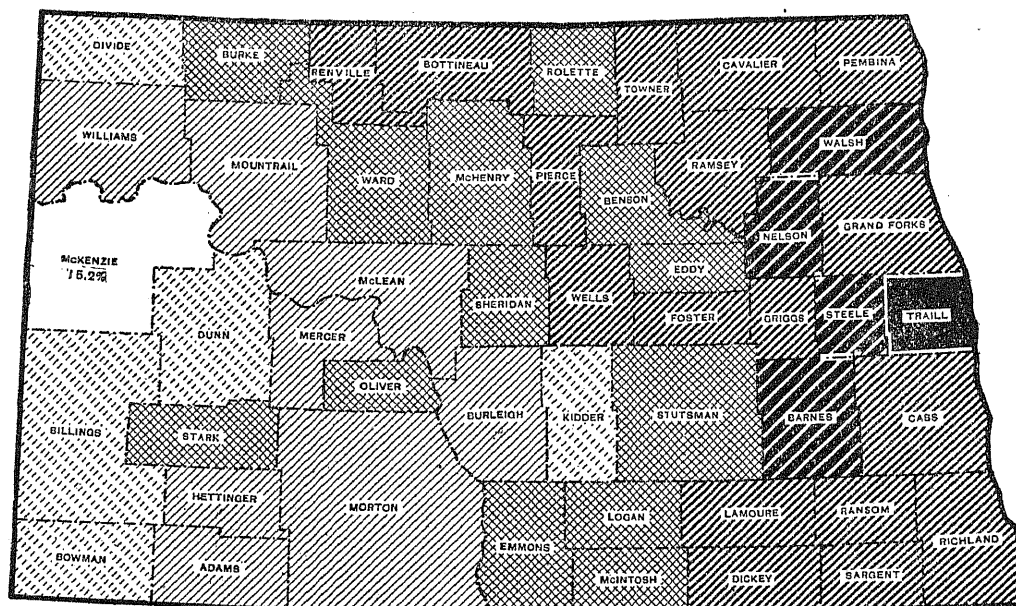
(3) The fact that the returns for some products are incomplete. The returns for all products are to a considerable extent estimates made by the farmers. Special difficulty was encountered in cases where the person in possession of the farm in April, 1910, when the census was taken, was not in possession of it during the crop year 1909. In such cases the farmer was not always able to report completely and accurately the products of the land for the preceding year. It is probable that the returns for the principal crops are in general fairly accurate but that those for minor crops and for dairy and poultry products are frequently understatements, particularly because the home consumption was disregarded or underestimated. In the belief that no accurate result could be obtained from such an inquiry, the Bureau of the Census did not even attempt to ascertain the total quantity and value of certain by-products, such as straw and cornstalks, which are of considerable importance, the schedule calling only for the value of such by-products sold.

PER CENT OF LAND AREA IN FARMS, AND AVERAGE VALUE OF FARM LAND PER ACRE, IN NORTH DAKOTA, BY COUNTIES: 1910.

PER CENT OF LAND AREA IN FARMS.

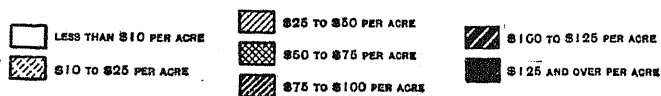
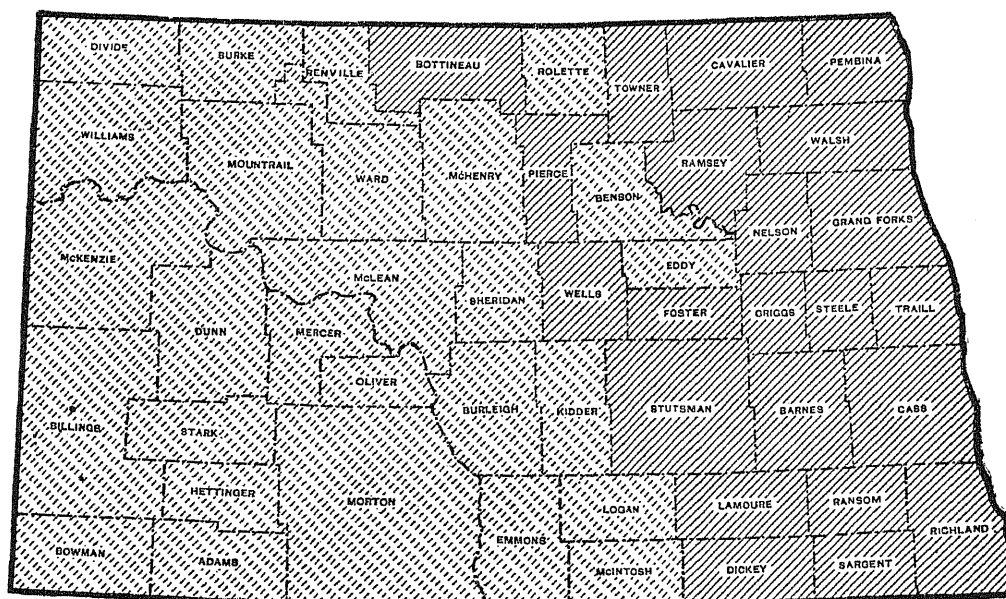
[Per cent for the state, 63.3.]

The per cent of land area in farms, when less than 20, is inserted under the county name.



AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$25.69.]



FARMS AND FARM PROPERTY.

North Dakota ranks sixteenth in land area and thirty-seventh in population among the states and territories of continental United States. The state of North Dakota lies chiefly within the northwestern portion of the Mississippi Basin. A narrow belt of country in the eastern portion of the state constitutes the western part of the great Red River Valley, within which the lowest elevations in the state are to be found. Immediately to the west of this valley the glaciated plateau country forms a rolling upland through which the broad elevation known as the Coteau des Prairies extends with a generally northwestwardly trend. This division comprises by far the greatest area of the state. Along the southern portion of the western boundary of the state is found a small area of the high plains section of the United States. Between this and the glaciated upland there lies a broad rolling tract of the residual prairies, constituting the most northern extension of this physical division within the United States.

The great Red River Valley in the eastern portion is an almost absolutely level plain of alluvial and lacustrine origin. Farther to the west, where it joins the glaciated plateau, the surface is rolling to ridged, attaining gradually to the higher elevations of the plateau country. The alluvial and lacustrine soils are predominantly black to dark-brown clay loams and clays characterized by a highly calcareous subsoil. These constitute the great spring wheat soils of the Red River Valley. In the more rolling western por-

tion of the valley the prevailing soils are sands, sandy loams, and gravelly loams of yellow, brown, or gray color which were deposited as marginal deltas along the shores of the old glacial lakes, or as sand and gravel bars immediately along the shore line.

The glaciated plateau is covered to depths ranging from 10 to 200 feet by glacial till. This is decidedly variable in character in the different portions of the plateau, but throughout the region fine sandy loam, silt loam, and loam soils are found, while only the higher ridges and steeper slopes are marked by stony areas.

The soils of the residual prairie region are principally loams and clay loams derived through the weathering of the underlying shales. The high plains area along the southwestern boundary includes extensive areas of deeply eroded "bad lands," together with smaller areas of more level residual soils.

The rainfall over the whole state of North Dakota is sufficient for growing grain crops without irrigation, the normal annual precipitation ranging from about 15 inches at the western boundary to about 20 inches at the eastern boundary. In the extreme western part of the state irrigation is practiced to a limited extent.

Progress during the decade 1900 to 1910.—The following table summarizes for the state the more significant facts relating to population and land area, the number, value, and acreage of farms, and the value of all other farm property in 1910 and 1900:

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE.	
			Amount.	Per cent.
Population.....	577,056	319,146	257,910	80.8
Number of all farms.....	74,360	45,332	29,028	64.0
Approximate land area of the state.....acres.	44,917,120	44,917,120		
Land in farms.....acres.	28,426,650	15,542,640	12,884,010	82.9
Improved land in farms.....acres.	20,455,092	9,644,520	10,810,572	112.1
Average acres per farm.....	382.3	342.9	39.4	11.5
Value of farm property:				
Total.....	\$974,814,205	\$255,266,751	\$719,547,454	281.9
Land.....	730,380,131	173,352,270	557,027,861	321.3
Buildings.....	92,276,613	25,428,430	66,848,183	262.9
Implements and machinery.....	43,907,595	14,055,560	29,852,035	212.4
Domestic animals, poultry, and bees.....	108,249,866	42,430,491	65,819,375	155.1
Average value of all property per farm.....	\$13,109	\$5,631	\$7,478	132.8
Average value of land per acre.....	\$25.69	\$11.15	\$14.54	130.4

NOTE.—Ranges or ranches using the public domain for grazing purposes but not owning or leasing land were counted as farms in 1910 and 1900. They were included as owned or managed, free from mortgage, and under 3 acres in size. The counting of these ranges as farms affects all totals, averages, and percentages in which the number of farms is a factor. In 1910 there were 36 such ranges included as farms.

The two maps on the opposite page show, for the different counties, the proportion of the total land area which is in farms and the average value of farm

land per acre. Of the state's entire land area somewhat more than three-fifths is in farms. The proportion of land in farms, however, varies considerably in

the different counties, ranging from 15.2 per cent in McKenzie County to 95.5 per cent in Traill County. With few exceptions those counties which have more than 60 per cent of their land in farms lie in the eastern half of the state, which contains several counties in which the percentage in farms exceeds 90.

The average value of farm land per acre for the whole state is \$25.69. In practically all the counties in the western two-thirds of the state the average value is between \$10 and \$25 per acre, while in the eastern third of the state the average value of farm land is generally between \$25 and \$50 per acre.

Between 1900 and 1910 there was an increase of 80.8 per cent in the population of the state, of 64 per cent in the number of farms, and of 82.9 per cent in the acres of farm land. The average size of the farms increased 39.4 acres, or 11.5 per cent.

The aggregate value of farm property has increased during the decade \$719,547,000, and was nearly four times as great as in 1900. This increase is chiefly made up of the increases of \$557,028,000 in the value of land and of \$66,848,000 in the value of buildings. There is also an increase of \$95,671,000 in the value of farm equipment, including implements and machinery and live stock, of which more than two-thirds represents a gain in the value of live stock and the remainder the increase in the value of implements and machinery. In considering the increase of values in agriculture the general increase in the prices of all commodities in the last 10 years should be borne in mind.

The average value of a farm with its equipment in 1900 was \$5,631, while 10 years later it was \$13,109. The average value of land rose from \$11.15 per acre in 1900 to \$25.69 in 1910.

Irrigation.—Of the 74,360 farms in the state, 69, or only one-tenth of 1 per cent, were reported as irrigated in 1909. The acreage reported as irrigated in 1909 was 10,248 acres, or less than one-tenth of 1 per cent of the improved land in farms. The area to which enterprises existing in 1910 were capable of supplying water was 21,917 acres, while the total acreage included in irrigation projects, completed or under way, in 1910 was 38,173 acres.

Population, number of farms, and farm acreage: 1890 to 1910.—In the 20 years since 1890 the population of the state has increased 386,073, or 202.2 per cent, about two-thirds of this increase occurring during the last decade.

In 1910 there were 74,360 farms in North Dakota, or slightly more than two and two-thirds times as many as in 1890. The absolute increase was most rapid during the last decade, when it averaged 2,903 per year, as compared with 1,772 a year during the decade 1890–1900.

The land surface of North Dakota is approximately 44,917,120 acres, and of this area 28,426,650 acres, or 63.3 per cent, are included in farms. Of this farm

acreage, 20,455,092 acres, or 72 per cent, are reported as improved land, representing 45.5 per cent of the total land area of the state. The total acreage of farm land increased by 12,884,010 acres, or 82.9 per cent, during the last decade, and the acreage of improved land by 10,810,572 acres, or 112.1 per cent. The proportion of farm land which is improved was higher in 1910 than in 1900. In the decade 1890 to 1900 both total acreage and improved acreage more than doubled.

The following table presents for the state as a whole for each census from 1890 to 1910, inclusive, a statement of the total population, the number of farms, and the acreage of farm land and of improved land in farms. It also gives the percentage of the land area in farms, the percentage of farm land improved, and the percentage of increase during each decade in the number of farms and in the land in farms.

CENSUS YEAR.	Popula- tion.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im- prov- ed.
		Num- ber.	Per cent of in- crease.	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease.			
1910.....	577,056	74,360	64.0	28,426,650	82.9	20,455,092	63.3	72.0
1900.....	319,146	45,332	64.2	15,542,640	102.9	9,644,520	34.6	62.1
1890 ¹	190,983	27,611	.....	7,600,333	.....	4,658,015	17.1	60.8

¹ Dakota territory prior to 1890. In 1880 the territory had 135,177 population, 17,435 farms, and 3,800,656 acres in farm land, of which 1,150,413 acres were reported as improved.

Values of farm property: 1890 to 1910.—The agricultural changes in North Dakota since 1890, as reflected in the values of the several classes of farm property, are shown in the table which follows:

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1910.....	\$974,814,205	281.9	\$822,656,744	313.8	\$43,907,505	212.4	\$108,249,866	155.1
1900.....	255,266,751	153.4	198,780,700	163.9	14,055,500	111.4	42,430,491	125.8
1890 ¹	100,745,779		75,310,305		6,648,180		18,787,294	

¹ Dakota territory prior to 1890. In 1880 the total value of farm property for the territory was reported as \$32,346,449, of which \$22,401,084 represented land and buildings; \$2,390,091 implements and machinery; and \$7,555,274 domestic animals, poultry, and bees (including estimated value of range animals).

The total wealth in the form of farm property is \$974,814,000, of which 84.4 per cent is represented by land and buildings, 4.5 per cent by implements and machinery, and 11.1 per cent by live stock. The total value of farm property is nearly four times what it was in 1900, and about ten times what it was in 1890. The absolute and relative gains in all classes of farm property have been rapid and continuous since 1890.

Average acreage and values per farm: 1890 to 1910.—The changes which have taken place during the past 20 years in the average acreage of North Dakota farms and in the average values of the various classes of farm property, as well as in the average value per acre of land and buildings, are shown in the following table:

CENSUS YEAR.	Average acres per farm.	- AVERAGE VALUE PER FARM. ¹				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	382.3	\$13,109	\$11,063	\$590	\$1,456	\$28.94
1900.....	342.9	5,631	4,385	310	936	12.79
1890 ²	277.4	3,649	2,728	241	680	9.83

¹ Averages are based on "all farms" in state.

² Dakota territory prior to 1890. In 1880 the averages for the territory were as follows: Average acres per farm, 218; average value per farm of all farm property, \$1,855; of land and buildings, \$1,285; of implements and machinery, \$137; and of domestic animals, poultry, and bees, \$433; and average value of land and buildings per acre, \$5.89.

In average size the North Dakota farm has increased in each decade since 1890, the increase in number of acres being from 277.4 in 1890 to 342.9 in 1900 and to 382.3 in 1910. This increase may be accounted for by the fact that at the earlier dates there was a larger proportion of farms which had been acquired from the Government and were still of the original size, usually 160 or 320 acres. These tracts have been united in many cases into larger farms as a result of the requirements of the wheat growers and live stock farmers.

The average value of a North Dakota farm, including its equipment, as noted above, amounted in 1910 to \$13,109. Of this amount, \$11,063 represents the value of land and buildings, \$1,456 the value of live stock, and \$590 the value of implements and machinery. The average value of land and buildings in 1910 was \$28.94 per acre, or more than twice as much as 10 years ago. Between 1890 and 1900 the average value per farm of all farm property increased from \$3,649 to \$5,631; in the next decade it increased to \$13,109, or about two and one-half fold.

Farm tenure: 1890 to 1910.—The next table shows the distribution of the farms of the state according to character of tenure at each census since 1890.

As is usual in newly settled sections of the country, the proportion of farms in North Dakota which are operated by tenants is still small, being only half as great as the proportion of farms operated by tenants in the North Central States as a group, and a little less than two-fifths as great as the proportion reported for the whole United States. The comparatively small proportion of farms in North Dakota which are operated by tenants is largely the result of the low price of land in that state and of the recent acquisition of a considerable number of farms from the Government in the form of homesteads.

This proportion, however, as well as the actual number of such farms, has increased in the last 20

years. In 1890 only 6.9 per cent of all the farms in the state were operated by tenants; in 1900, 8.5 per cent of all the farms were so operated; and in 1910, 14.3 per cent. The proportion of farms operated by owners and managers has declined from 93.1 per cent in 1890 to 85.7 per cent in 1910. In 1910 farms operated by owners and managers were about two and a half times as numerous as in 1890, whereas farms operated by tenants were more than five and a half times as numerous. Of the latter, almost eight-tenths are rented either wholly or in part for a share of the products. This proportion is less than it was in 1900, but greater than it was in 1890. Of all farms in the state, 11.1 per cent are rented wholly or in part for a share of the product, and 3.2 per cent for cash, including non-specified.

TENURE.	1910	1900	1890 ¹
Number of all farms.....	74,360	45,332	27,611
Farms operated by owners and managers.....	63,696	41,467	25,698
Farms consisting of owned land only.....	44,667	34,078	(2)
Farms consisting of owned and hired land.....	18,545	6,894	(2)
Farms operated by managers.....	484	495	(2)
Farms operated by tenants.....	10,664	3,865	1,913
Share tenants.....	8,086	3,274	1,374
Share-cash tenants ²	178		
Cash tenants.....	324	591	539
Tenure not specified ³	2,076		
Per cent of farms operated by—			
Owners and managers.....	85.7	91.5	93.1
Tenants.....	14.3	8.5	6.9
Share and share-cash.....	11.1	7.2	5.0
Cash and nonspecified.....	3.2	1.3	2.0

¹ Dakota territory prior to 1890. Of the 17,435 farms in the territory in 1880, 16,757 were operated by owners and managers and 678 by tenants (606 share and share-cash, and 72 cash and nonspecified).

² Not reported separately.

³ Share-cash tenants were doubtless largely included with share tenants in 1900 and 1890.

⁴ Prior to 1910 nonspecified tenants were included with cash tenants.

The following table shows the acreage, improved acreage, and value of land and buildings for farms operated by owners (including part owners), managers, and tenants, respectively:

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	28,426,650	15,542,640	20,455,092	9,644,520	\$822,656,744	\$198,780,700
Owners.....	23,586,728	13,539,689	16,407,698	8,312,269	658,809,090	168,790,590
Managers.....	477,213	661,711	374,882	306,960	16,898,168	7,782,970
Tenants.....	4,362,709	1,341,240	3,672,512	1,025,291	146,949,486	22,207,140

The following table shows the per cent distribution by tenure groups of the items in the preceding table, and also of the number of farms:

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	85.0	90.4	83.0	87.1	80.2	86.2	80.1	84.9
Managers.....	0.7	1.1	1.7	4.3	1.8	3.2	2.1	3.9
Tenants.....	14.3	8.5	15.3	8.6	18.0	10.6	17.9	11.2

It will be seen that, in 1910, 83 per cent of all land in farms was in farms operated by their owners (including part owners), 1.7 per cent in farms operated by managers, and 15.3 per cent in farms operated by tenants, the percentage for owners and for managers being lower and that for tenants higher than in 1900.

As shown by the next table, the average size of farms operated by managers in 1910 (986 acres) was nearly two and one-half times as great as that of farms operated by tenants (409.1 acres), which was in turn larger than that of farms operated by owners (373.1 acres). The average size of farms operated by managers decreased decidedly between 1900 and 1910, while that of farms operated by owners and by tenants increased. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for farms operated by owners.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.				Per farm.		Per acre.	
	1910	1900	1910	1900			1910	1900	1910	1900
	1910	1900	1910	1900			1910	1900	1910	1900
Total.....	382.3	342.9	275.1	212.8	72.0	62.1	\$11,063	\$4,385	\$28.94	\$12.79
Owners.....	373.1	330.5	250.6	202.9	69.6	61.4	10,422	4,120	27.93	12.47
Managers.....	986.0	1,336.8	774.5	620.1	78.6	46.4	34,914	15,723	35.41	11.76
Tenants.....	409.1	347.0	344.4	265.3	84.2	76.4	13,780	5,746	33.68	16.56

Farm mortgages: 1890 to 1910.—The Eleventh Census (1890) was the first to collect data relating to mortgage debt on farms. The basis of the returns was the "farm home" occupied by its owner. The same class of information was secured by the population schedules of the Twelfth Census (1900). The agricultural schedules of the Thirteenth Census (1910) secured practically the same information, except that the basis was "owned farms" instead of "owned farm homes"—a difference involving, however, no appreciable incomparability.

The following table relates to farms operated by persons owning all or part of the land, and shows for 1910 (1) the number of such farms reported as free from mortgage; (2) the number reported as mortgaged; and (3) the number for which no mortgage reports were secured. Comparable items are included for 1900 and 1890.

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	63,212	.....	39,456	.....	25,431	.....
Free from mortgage.....	30,651	49.1	26,113	68.6	13,054	51.3
Mortgaged.....	31,727	50.9	11,905	31.4	12,377	48.7
Unknown.....	834	.....	1,378	.....	.....	.....

¹ Includes all farms owned in whole or in part by the operator.

² The 387 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.

³ Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 63,212. Of this number 30,651 were reported as free from mortgage, 31,727 were reported as mortgaged, and for 834 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 50.9 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. In 1900 such farms constituted 31.4 per cent and in 1890, 48.7 per cent. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It is evident, however, that the number of mortgaged farms decreased slightly from 1890 to 1900, but increased greatly from 1900 to 1910.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 31,727 farms reported as mortgaged, 19,981 are wholly owned by the farmers, and for 19,187 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included for 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding the amount of mortgage debt were not obtained in 1900.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 ¹	1890 ²	Amount.	Per cent.
	1910 ¹	1890 ²	Amount.	Per cent.
Number.....	19,187	12,377	.....	.....
Value—Land and buildings.....	\$213,642,953	\$30,709,226	.....	.....
Amount of mortgage debt.....	\$47,841,587	\$11,168,854	.....	.....
Per cent of debt to value.....	22.4	36.3	.....	.....
Average value per farm.....	\$11,135	\$2,486	\$8,649	347.9
Average debt per farm.....	\$2,493	\$902	\$1,591	176.4
Average equity per farm.....	\$8,642	\$1,584	\$7,058	445.6

¹ Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.

² Includes all owned farm homes, estimates being made of value of farms and amount of debt for all defective reports.

The average debt of mortgaged farms has increased in the last 20 years from \$902 to \$2,493, or 176.4 per cent, while the average value of such farms rose from \$2,486 to \$11,135, or 347.9 per cent. Thus the

owner's equity increased from \$1,584 to \$8,642, or 445.6 per cent. As a result of the greater relative increase in farm value than in farm debt, the mortgage indebtedness, which was 36.3 per cent of the value of the farm in 1890, had decreased to 22.4 per cent of this value in 1910.

Farms, by size groups: 1910 and 1900.—The following table shows the distribution of farms by size groups at the censuses of 1910 and 1900:

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
Total.....	74,360	45,332	29,028	64.0	100.0	100.0
Under 3 acres.....	54	154	-100	-64.9	0.1	0.3
3 to 9 acres.....	82	253	-171	-67.6	0.1	0.6
10 to 19 acres.....	93	384	-291	-75.8	0.1	0.8
20 to 49 acres.....	450	555	-105	-18.9	0.6	1.2
50 to 99 acres.....	1,207	716	491	68.6	1.6	1.6
100 to 174 acres.....	23,003	18,471	4,532	24.5	30.9	40.7
175 to 259 acres.....	5,345	2,526	2,819	111.6	7.2	5.6
260 to 499 acres.....	29,048	15,813	13,235	83.7	39.1	34.9
500 to 999 acres.....	12,662	5,114	7,548	147.6	17.0	11.3
1,000 acres and over.....	2,416	1,346	1,070	79.5	3.2	3.0

¹ A minus sign (—) denotes decrease.

Of the total number of farms in North Dakota, 39.1 per cent are between 260 and 499 acres and 30.9 per cent are between 100 and 174 acres. Farms of 175 or more acres increased at a much more rapid rate during the last decade than farms under that size. Of the total absolute increase in the number of farms more than four-tenths was in farms between 260 and 499 acres. Over 97 per cent of the farms have 100 acres or more each.

The number of farms under 50 acres, which has always been insignificant, is not much more than half as great as 10 years ago. This is probably due to an actual decrease in small-scale farming, but in the very small groups may be due partly to a different interpretation by the enumerators as to what constitutes a small farm. Each of the higher groups shows a considerable actual and relative increase.

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 229), and also the farms of between 175 and 499 acres (numbering 34,393):

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	28,426,650	15,542,640	20,455,092	9,644,520	\$822,656,744	\$198,780,700
Under 20 acres.....	1,601	7,711	1,224	6,180	364,599	212,784
20 to 49 acres.....	10,687	18,063	10,718	13,883	739,953	301,440
50 to 99 acres.....	94,199	59,040	53,653	36,622	2,539,341	926,380
100 to 174 acres.....	3,640,003	2,945,787	2,124,647	1,495,625	83,425,352	30,366,430
175 to 499 acres.....	12,000,916	6,403,548	9,063,590	4,370,594	354,271,009	88,146,756
500 to 999 acres.....	8,783,550	3,561,491	6,675,379	2,362,193	271,500,607	48,035,210
1,000 acres and over.....	3,889,694	2,547,000	2,525,881	1,359,423	109,815,883	30,791,700

The next table shows the per cent distribution, by size groups, of the items presented in the preceding table, and also of the number of farms.

Of the total farm acreage of the state in 1910, 42.2 per cent was in farms of 175 to 499 acres, and 30.9 per

cent in farms of 500 to 999 acres, these two being from the standpoint of aggregate acreage the most important size groups. Between 1900 and 1910 the proportion of the total acreage in these two size groups increased, while the proportion in farms of 50 to 174 acres and in those of 1,000 acres and over decreased.

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	0.3	1.7	(¹)	(¹)	0.1	0.1	(¹)	0.1
20 to 49 acres.....	0.6	1.2	0.1	0.1	0.1	0.1	0.1	0.2
50 to 99 acres.....	1.6	1.6	0.3	0.4	0.3	0.4	0.3	0.5
100 to 174 acres.....	30.9	40.7	12.8	19.0	10.4	15.5	10.1	15.3
175 to 499 acres.....	40.3	40.5	42.2	41.2	44.3	45.3	43.1	44.3
500 to 999 acres.....	17.0	11.3	30.9	22.9	32.6	24.5	33.0	24.2
1,000 acres and over.....	3.2	3.0	13.7	16.4	12.3	14.1	13.3	15.5

¹ Less than one-tenth of 1 per cent.

As shown by the next table, the percentage of farm land improved is highest for farms of under 20 acres, but it is nearly as high for farms of 175 to 999 acres. Owing to the fact that buildings normally have a higher value in proportion to farm acreage in small than in large farms, the average value of land and buildings per acre of land is very much higher for the farms under 20 acres in size than for those of any other group; the average value per acre is higher for farms of 175 acres and over, however, than for those of 50 to 174 acres.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	1910	1900	Per farm.		Per acre.	
			1910	1900	1910	1900
Total.....	72.0	62.1	\$11,063	\$4,385	\$28.94	\$12.79
Under 20 acres.....	76.5	80.1	1,592	269	227.73	27.59
20 to 49 acres.....	64.2	76.9	1,644	543	44.34	16.69
50 to 99 acres.....	57.0	62.0	2,104	1,294	26.96	15.69
100 to 174 acres.....	58.4	50.8	3,627	1,644	22.92	10.31
175 to 499 acres.....	75.5	68.3	10,301	4,807	29.52	13.77
500 to 999 acres.....	76.0	66.3	21,442	9,393	30.91	13.49
1,000 acres and over.....	64.9	53.4	45,454	22,876	28.23	12.09

Color and nativity of farmers: 1910.—Prior to the Thirteenth Census no attempt was made to secure information on the farm schedules concerning the nativity of farmers. The table which follows shows the color and nativity of farm operators by character of tenure for 1910:

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Own-ers.	Ten-ants.	Man-agers.	Per cent of total.		
	Num-ber.	Per cent dis-tribution.				Own-ers.	Ten-ants.	Man-agers.
Total.....	74,360	100.0	63,212	10,664	484	85.0	14.3	0.7
Native white.....	35,750	48.1	29,082	6,352	316	81.3	17.8	0.9
Foreign-born white.	37,867	50.9	33,403	4,298	166	88.2	11.4	0.4
Negro and other nonwhite.....	743	1.0	727	14	2	97.8	1.9	0.3

Slightly less than one-half of the North Dakota farmers were native whites and about half were foreign-born whites. Only 743, or 1 per cent of all farmers, are nonwhites, 721 being Indians and 22 negroes. Among the native whites 17.8 per cent were tenants, as compared with 11.4 per cent among the foreign-born whites.

DOMESTIC ANIMALS, POULTRY, AND BEES.

Domestic animals on farms: 1910.—The census of 1910 was taken as of April 15, and that of 1900 as of June 1. Since a great many domestic animals are born during the six weeks between April 15 and June 1, and, on the other hand, a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not closely comparable, and the same is true in somewhat less degree of the values. For this reason the figures for 1900 are not presented in this chapter, but in the general reports of the census the figures for the several states will be presented and the extent to which their comparability is affected by the change in the date of enumeration will be discussed.

The total value of live stock on farms, including domestic animals, poultry, and bees in 1910 was \$108,250,000, of which domestic animals contributed \$106,761,000. The value of cattle represented 16.4 per cent of the total value of live stock; that of horses and mules, 78.2 per cent; of swine, 2.9 per cent; of sheep and lambs, 1.2 per cent; and that of poultry, 1.4 per cent, the other classes being insignificant.

Of the total number of farms enumerated, 71,634, or 96.3 per cent, report domestic animals of some kind, the number without any domestic animals being only 2,726.

Of all the farms in the state, 86.4 per cent report cattle, 84.7 per cent reporting "dairy cows," and only 30.2 per cent "other cows." The average number of "dairy cows" per farm reporting is about 4, while the average number of "other cows" per farm reporting that class is slightly over 5. The total number of cows, especially "dairy cows," increased materially during the decade, while the average values of "dairy cows" increased slightly and of "other cows" decreased considerably.

Horses and colts are reported by 94.1 per cent of all the farms in the state, while 41.6 per cent report yearlings. It is noteworthy that in spite of the early date of enumeration 20.3 per cent report spring colts. Mature horses are valued at \$139.57, about twice as much as in 1900. Only about one farm in every twenty-five reports mules, and the average values are somewhat higher than those of horses of the corresponding age groups.

Sheep and lambs were reported from 3,671 farms, or 4.9 per cent of all the farms in the state, whereas 10.9 per cent of all farms reported sheep in 1900. Of the 3,671 farms, 54 per cent reported spring lambs, the number of the latter being equal to 27.8 per cent of the number of ewes. This comparatively small propor-

Of the 37,867 foreign-born white farmers in North Dakota in 1910, 10,886 were born in Norway; 7,734 in Russia; 4,825 in Germany; 4,251 in Canada; 3,635 in Sweden; 1,318 in Denmark; 1,304 in Austria; 839 in Ireland; and 627 in England. Other European countries were represented by 2,334 farmers, and non-European countries, other than Canada, by 114.

tion is doubtless due to the early date of enumeration. The average flock in the state, including all classes, is almost 80 sheep, and the average number of ewes is about 54 per farm reporting that class. The farms reporting rams and wethers show an average of nearly 36 per farm.

The following table summarizes the statistics of domestic animals on farms for the state, recorded as of April 15, 1910. Cattle and sheep are divided into age and sex groups, while horses, mules, and swine are presented by age groups only.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Percent of all farms.	Number.	Value.	Average value.
Total.....	71,634	96.3	.....	\$106,761,317	.....
Cattle.....	64,224	86.4	743,762	17,711,398	\$23.81
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	62,977	84.7	259,173	8,738,463	33.72
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	22,468	30.2	119,510	3,256,904	27.25
Heifers born in 1909.....	37,065	49.8	104,203	1,550,721	14.88
Calves born after Jan. 1, 1910.....	41,866	56.3	130,683	875,807	6.70
Steers and bulls born in 1909.....	23,855	32.1	71,566	1,169,759	16.35
Steers and bulls born before Jan. 1, 1909.....	13,837	18.6	58,627	2,119,739	36.16
Horses.....	69,945	94.1	650,599	83,461,739	123.28
Mares, stallions, and geldings born before Jan. 1, 1909.....	60,846	93.9	564,313	78,762,790	139.57
Colts born in 1909.....	30,960	41.6	61,671	3,873,395	62.81
Colts born after Jan. 1, 1910.....	15,115	20.3	24,615	825,554	33.54
Mules.....	2,800	3.8	7,695	1,149,001	149.32
Mules born before Jan. 1, 1909.....	2,571	3.5	7,164	1,112,691	155.32
Mule colts born in 1909.....	266	0.4	421	31,780	75.49
Mule colts born after Jan. 1, 1910.....	86	0.1	110	4,530	41.18
Asses and burros.....	94	0.1	133	22,915	172.29
Swine.....	42,972	57.8	331,603	3,152,909	9.51
Hogs and pigs born before Jan. 1, 1910.....	40,809	54.9	199,707	2,797,423	14.01
Pigs born after Jan. 1, 1910.....	14,952	20.1	131,896	355,486	2.70
Sheep.....	3,671	4.9	293,371	1,257,737	4.29
Ewes born before Jan. 1, 1910.....	3,500	4.7	187,249	913,530	4.88
Rams and wethers born before Jan. 1, 1910.....	1,528	2.1	54,143	244,907	4.52
Lambs born after Jan. 1, 1910.....	1,984	2.7	51,979	99,300	1.91
Goats.....	294	0.4	1,074	5,618	5.23

Of all farms, 57.8 per cent reported swine, the average number being about 8 per farm reporting. Probably on account of the early date of enumeration only 20.1 per cent report spring pigs. The average value of the swine reported as "hogs and pigs born before January 1, 1910," is \$14.01.

Poultry on farms: 1910 and 1900.—The increase in the number of fowls on North Dakota farms during the last decade amounts to 119.4 per cent, while the value increased from \$477,000 to \$1,485,000, or 211.2 per cent. The number of farms reporting poultry increased 78.5 per cent and the number of fowls per farm reporting increased from 43 to 53, approximately. Important increases were made in all classes for which reports were secured. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

The following table gives the numbers of the various kinds of poultry reported in 1910 and 1900, together with their value and the number of farms reporting each kind in 1910:

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	Number of fowls.
	Number.	Per cent of all farms.			
Total	61,532	82.7	3,268,109	\$1,485,463	1,489,380
Chickens.....	61,452	82.6	3,095,026	1,327,727	1,409,285
Turkeys.....	14,040	18.9	61,621	84,440	39,073
Ducks.....	10,131	13.6	39,938	26,720	23,816
Geese.....	8,009	10.8	30,456	38,924	17,206
Guinea fowls.....	857	1.2	2,666	1,521	(1)
Pigeons.....	2,181	2.9	38,300	5,958	(2)
Peafowls.....	17	(3)	42	173	(2)

¹ Included with chickens. ² Not reported. ³ Less than one-tenth of 1 per cent.

Bees on farms: 1910 and 1900.—The number of farms reporting bees has increased from 30 in 1900 to 79 in 1910. The number of colonies of bees increased from 279 to 495, or 77.4 per cent, and their value increased from \$1,474 to \$3,086, or 109.4 per cent. The average value of bees per farm reporting was \$49.13 in 1900 and \$39.06 in 1910. About one farm in every thousand reports bees.

Domestic animals not on farms: 1910.—Most of the domestic animals not on farms are found in cities,

towns, and villages. Statistics for such animals are shown below. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the table below age groups are omitted for the sake of brevity.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total	9,784	.....	\$3,415,679	.....
All cattle.....	6,238	12,429	401,580	\$32.31
Dairy cows.....	6,106	8,640	329,031	38.08
Horses.....	7,133	22,214	2,854,134	128.48
Mules.....	116	716	117,747	164.45
Asses and burros.....	21	23	7,655	332.83
Swine.....	602	2,461	28,334	11.51
Sheep.....	28	1,188	5,156	4.34
Goats.....	40	133	1,073	8.07

As would be expected, horses are by far the most important class of domestic animals not on farms, both in number and in value; cattle, consisting mainly of dairy cows, rank next in importance.

Domestic animals on farms and not on farms: 1910.—The following table gives the total number and value of domestic animals, distinguishing those on farms from those not on farms:

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....	.....	\$110,176,996	.....	\$106,761,317	.....	\$3,415,679
All cattle.....	750,191	18,112,978	743,762	17,711,398	12,429	401,580
Dairy cows.....	267,813	9,067,499	259,173	8,738,488	8,640	329,031
Horses.....	672,813	80,315,873	650,599	83,461,739	22,214	2,854,134
Mules.....	8,411	1,269,748	7,695	1,149,001	716	117,747
Asses and burros.....	156	30,570	133	22,915	23	7,655
Swine.....	334,064	3,181,243	331,603	3,152,909	2,461	28,334
Sheep.....	294,559	1,262,893	293,371	1,257,737	1,188	5,156
Goats.....	1,207	6,091	1,074	8,618	133	1,073

The total value of all domestic animals in the state in 1910 was \$110,177,000, of which the value of animals not on farms represented 3.1 per cent.

LIVE STOCK PRODUCTS.

The returns for live stock products obtained at the census of 1910, like those for crops, relate to the activities of the calendar year 1909. It is impossible to give a total representing the annual production of live stock products for the reason that, as shown elsewhere, the total value of products from the business of raising domestic animals for use, sale, or slaughter can not be calculated from the census returns. Even if this value could be ascertained and were added to the value of the crops the sum would not correctly represent the total value of farm products, because, as already more fully explained, duplication would result from the fact that part of the crops are fed to the live stock.

Dairy products: 1909 and 1899.—The next table shows the principal statistics relative to dairy products in 1909, with certain comparative statistics for 1899.

The number of farms reporting dairy cows on April 15, 1910, was 62,977, but only 51,484 reported dairy products in 1909. That there should be this difference is not surprising. Doubtless some farmers who had dairy cows in 1910 had none in 1909, while other farmers neglected to give information for the preceding year, or were unable to do so, perhaps because the farm was then in other hands. Dairy products in general are somewhat less accurately reported than the principal crops. This is particularly the case as regards

the quantity of milk produced. The number of farms which made any report of milk produced during 1909 was 43,493 (considerably less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 182,000. The amount of milk reported was 70,638,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 388 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk, cream, and butter fat sold and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$4,872,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

Only a very small proportion of the milk reported by North Dakota farmers in 1909 was sold as such, a comparatively large quantity being sold as butter fat. The butter made on farms in 1909 was valued at \$3,509,000.

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	62,977	84.7	259,173	Head	.....	.....
On farms reporting dairy products in 1909.....	51,484	69.2	227,345	Head	.....	.....
On farms reporting milk produced in 1909.....	43,493	58.5	181,898	Head	.....	.....
Specified dairy products, 1909:						
Milk reported.....			70,637,899	Gals.	.....	.....
Butter made.....	46,838	63.0	16,414,439	Lbs.	\$3,508,579	\$0.21
Cheese made.....	277	0.4	22,754	Lbs.	2,976	0.13
Milk sold.....	1,106	1.5	1,644,150	Gals.	293,956	0.18
Cream sold.....	3,315	4.5	834,103	Gals.	528,977	0.63
Butter fat sold.....	3,494	4.7	2,185,377	Lbs.	537,816	0.25
Butter sold.....	27,605	37.1	7,019,169	Lbs.	1,514,215	0.22
Cheese sold.....	38	0.1	9,974	Lbs.	1,334	0.13
Total receipts from sales, 1909.....					2,876,298	.....
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					4,872,304	.....
Specified dairy products, 1899:						
Butter made.....	28,117	62.0	9,178,815	Lbs.	.....	.....
Cheese made.....	277	0.6	70,881	Lbs.	.....	.....
Butter sold.....			3,551,805	Lbs.	545,362	0.15
Cheese sold.....			46,762	Lbs.	4,844	0.10

Comparisons are made between 1909 and 1899 for but few of the census items relating to dairy products, for the reason that in 1899 estimates were made for farms with incomplete reports, which was not done at

the census of 1910. The figures for milk produced and milk sold are particularly affected, but those for butter and cheese are approximately comparable. The table shows a decided increase between 1899 and 1909 in the amount of butter made and a large relative decrease in the production of cheese.

Wool: 1909 and 1899.—The table below gives statistics as to the production of wool on farms, the figures being partly based on estimates:¹

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	3,624	241,392	.....	.....	.....
Wool produced, as reported, 1909.....	1,879	.....	192,614	1,230,585	\$280,073
On farms reporting sheep April 15, 1910.....	1,783	162,563	176,431	1,129,244	257,037
On other farms.....	96	.....	16,183	101,341	23,006
Total production of wool (partly estimated):					
1909.....			261,985	1,676,830	381,722
1899.....			460,831	3,080,478	503,744
Decrease, 1899 to 1909.....			207,846	1,353,648	122,022
Per cent of decrease.....			44.2	44.7	24.2

The total number of sheep of shearing age in North Dakota on April 15, 1910, was 241,000, representing a decrease of 46.5 per cent as compared with the number on June 1, 1900 (451,000). The approximate production of wool during 1909 was 262,000 fleeces, weighing 1,677,000 pounds, and valued at \$382,000. Of these totals about one-fourth represents estimates. The number of fleeces produced in 1909 was 44.2 per cent less than in 1899. The average weight per fleece in 1909 was 6.4 pounds, practically the same as in 1899, and the average value per pound was 23 cents, as compared with 17 cents in 1899.

Goat hair and mohair: 1909.—Although 294 farmers reported 1,074 goats and kids on their farms April 15, 1910, only 36 reported the production of goat hair or mohair during 1909. These farmers reported 118 fleeces, weighing 470 pounds and valued at \$133.

Poultry products: 1909 and 1899.—The next statement gives data relative to the production and sale of eggs and poultry.

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 1,841 farmers who reported the possession of 78,829 sheep of shearing age on April 15, 1910, without reporting any wool produced in 1909. Probably in a large proportion of cases this failure was due to the fact that they did not have these sheep, or did not occupy the same farm, during the preceding year. The returns of farms reporting wool in 1909 but no sheep of shearing age on April 15, 1910, would partially make up this deficiency, but it is believed that in many cases enumerators, having found that a farm had no sheep in 1910, omitted the inquiry as to wool produced in 1909 and thus missed more or less wool actually produced. It is a fairly safe assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. Statistics for this group of farms are given in the table, and the total wool product, estimated on the basis of the above assumption, is also given.

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	61,532	3,268,109		
On farms reporting eggs produced in 1909.....	50,165	2,892,363		
On other farms.....	11,367	375,746		
Eggs produced, as reported, 1909.....	50,441		<i>Dozens.</i> 15,194,736	\$2,675,931
Total production of eggs (partly estimated):				
1909.....			17,294,322	3,045,687
1899.....			7,438,400	782,790
Increase, 1899 to 1909.....			9,855,922	2,262,897
Per cent of increase.....			132.5	289.1
Eggs sold, as reported, 1909.....	32,322		6,404,074	1,142,043
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	45,975	2,720,539		
On other farms.....	15,557	547,570		
Poultry raised, as reported, 1909.....	46,465		<i>No. of fowls.</i> 3,365,998	1,273,984
Total poultry raised (partly estimated):				
1909.....			4,043,481	1,530,402
1899.....				594,751
Increase, 1899 to 1909.....				935,651
Per cent of increase.....				157.3
Fowls sold, as reported, 1909.....	13,729		588,492	283,972

The total number of fowls on North Dakota farms on April 15, 1910, was 3,268,000. Of the 61,532 farms reporting fowls, 11,367 did not report any eggs produced in 1909, and 15,557 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 15,195,000 dozens, valued at \$2,676,000. According to the Twelfth Census reports, the production of eggs in 1899 was 7,438,000 dozens, the value being \$783,000. The latter figures, however, are somewhat in excess of the actual returns at that census, because they include estimates made to cover those cases where the schedules reported fowls on hand without reporting the production of eggs. In order to make the returns for 1909 comparable with those published for 1899, similar estimates have been made, the method of estimate and the justification therefor being substantially the same as in the case of wool. The total production of eggs in 1909, including these estimates, was 17,294,000 dozens, valued at \$3,046,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 4,043,000 fowls, valued at \$1,530,000.

Honey and wax: 1909.—Although, as noted elsewhere, 79 farms reported 495 colonies of bees on hand April 15, 1910, 25 of these farms, with 44 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 11,084 pounds of honey, valued at \$1,840, and 92 pounds of wax, valued at \$29. The true totals are doubtless somewhat above these figures.

Sale or slaughter of domestic animals on farms: 1909 and 1899.—The following statement presents statistics relating to the sale or slaughter of domestic animals by North Dakota farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Num-ber.	Percent of all farms.		Total.	Aver-age.
1909—All domestic animals:					
Sold.....				\$11,409,158	
Slaughtered.....				3,047,590	
Calves:					
Sold.....	7,694	10.3	22,263	190,363	\$8.55
Slaughtered.....	7,992	10.7	14,419	112,570	7.81
Other cattle:					
Sold.....	24,736	33.3	159,392	4,693,933	29.45
Slaughtered.....	19,714	26.5	31,570	760,388	24.09
Horses:					
Sold.....	11,013	14.8	36,983	4,800,432	129.80
Mules:					
Sold.....	248	0.3	636	92,121	144.84
Asses and burros:					
Sold.....	22	(1)	78	2,173	27.86
Swine:					
Sold.....	14,743	19.8	115,414	1,351,790	11.71
Slaughtered.....	37,893	51.0	136,227	2,154,990	15.82
Sheep:					
Sold.....	773	1.0	75,459	277,821	3.68
Slaughtered.....	927	1.2	4,342	19,563	4.51
Goats:					
Sold.....	22	(1)	121	525	4.34
Slaughtered.....	7	(1)	21	79	3.76
1899—All domestic animals:					
Sold ²				3,902,074	
Slaughtered.....				1,573,588	

¹ Less than one-tenth of 1 per cent.

² Schedules called for receipts from sales of animals raised on the farms reporting.

The total value of domestic animals sold during 1909 was \$11,409,000 and that of animals slaughtered on farms \$3,048,000, making an aggregate of \$14,457,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year.

The value of the cattle (including calves) sold during 1909 represented more than two-fifths of the total value of domestic animals sold, and the value of horses sold represented about another two-fifths of the total value of animals sold.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the total value of those slaughtered during 1899, which amounted, respectively, to \$3,902,000 and \$1,574,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from the sales of animals not actually raised on the farms reporting.

CROPS.

Summary: 1909 and 1899.—The following table summarizes the census data relative to all of the farm crops of 1909 and 1899. It includes not only general farm crops, but also flowers and plants, nursery products, and forest products of farms. In comparing one year with the other it should be borne in mind that acreage is on the whole a better index of the general

changes or tendencies of agriculture than either the quantity or the value of the crops, since variations in quantity may be due largely to temporarily favorable or unfavorable climatic conditions, and variations in the value of the crops are largely affected by changes in prices. (See also discussion of "Total value of farm products.")

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.					
	1909	1899	Increase.				1909	1899	Increase.		Per cent of total.	
			Amount.	Per cent.	Amount.	Per cent.						
									1909	1899	1909	1899
All crops.....							\$180,635,520	\$54,040,817	\$126,594,703	234.3	100.0	100.0
Crops with acreage reports.....	15,888,756	7,821,705	8,067,051	103.1	77.7	81.1	180,279,872	53,911,419	126,368,453	234.4	99.8	99.8
Cereals.....	11,887,141	5,610,374	6,276,767	111.9	58.1	58.2	149,133,451	40,126,051	109,007,400	271.7	82.6	74.3
Other grains and seeds.....	1,069,019	774,353	294,666	38.1	5.2	8.0	15,509,897	7,740,513	7,769,384	100.4	8.6	14.3
Hay and forage.....	2,864,218	1,410,534	1,453,684	103.1	14.0	14.6	12,368,014	5,182,917	7,185,097	138.6	6.8	9.0
Tobacco.....	6	1	5	(1)	(2)	(2)	530	22	508	(1)	(2)	(2)
Sugar crops.....	29	10	19	(1)	(2)	(2)	1,092	181	911	503.3	(2)	(2)
Sundry minor crops.....	18	8	10	(1)	(2)	(2)	725	95	630	(1)	(2)	(2)
Potatoes and sweet potatoes and yams.....	54,067	21,936	32,131	146.5	0.3	0.2	2,079,179	587,500	1,491,679	253.9	1.2	1.1
Other vegetables.....	13,383	4,289	9,094	212.0	0.1	(2)	1,009,125	256,206	812,919	317.3	0.6	0.5
Flowers and plants and nursery products.....	476	133	343	257.9	(1)	(2)	78,218	10,149	68,069	670.7	(2)	(2)
Small fruits.....	399	67	332	(1)	(2)	(2)	39,641	7,785	31,856	409.2	(2)	(2)
Crops with no acreage reports.....							355,648	129,398	226,250	174.9	0.2	0.2
Seeds.....							100,099	10,707	89,392	834.9	0.1	(2)
Fruits and nuts.....							9,702	1,177	8,525	724.3	(2)	(2)
Maple sugar and sirup.....							100		100	(2)	(2)	(2)
Forest products of farms.....							235,386	112,807	122,579	108.7	0.1	0.2
Miscellaneous.....							10,361	4,707	5,654	120.1	(2)	(2)

¹ Percent not calculated when base is less than 100. ² Less than one-tenth of 1 per cent. ³ Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$180,636,000. Of this amount, 99.8 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which acreage was reported was 15,888,756, representing 77.7 per cent of the total improved land in farms (20,455,092 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage for which was not reported.

The general character of North Dakota agriculture is indicated by the fact that more than four-fifths (82.6 per cent) of the total value of crops in 1909 was contributed by the cereals. The remainder, representing 17.4 per cent of the total, consisted mostly of other grains and seeds and of hay and forage.

The total value of crops in 1909 was 234.3 per cent greater than in 1899, this increase being due in large measure to the increase in agricultural production in the state, and also to some extent to higher prices. There was an increase of 103.1 per cent in the total acreage of crops for which acreage was reported, the greatest absolute increases being those in the acreage of cereals and of hay and forage.

General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.—The next table presents statistics for 1909 regarding cereals, other grains and seeds, hay and forage, potatoes, tobacco, and sundry minor crops.

The leading crops of the state, in the order of their importance as judged by value, are wheat, \$109,130,000; oats, \$24,114,000; flaxseed, \$15,488,000; hay and forage, \$12,368,000; barley, \$11,962,000; corn, \$2,403,000; and potatoes, \$2,079,000.

Wheat is by far the most important crop, representing in both acreage and value more than two-thirds of all cereals combined. In value nearly six-sevenths of the total wheat crop is common spring wheat, and about one-seventh is durum or macaroni, this wheat yielding 15.7 bushels per acre. In value per acre durum or macaroni wheat is reported at \$12.51, as compared with \$13.33 per acre for all wheat. Oats, though less than one-fourth as great in value as wheat, ranks second in this respect. In acreage hay and forage ranks second, though in value this crop is but little over one-half as great as oats. Compared with the combined cereals hay and forage is less than one-fourth as great in acreage and a little less than one-twelfth as great in value. Barley, with an acreage less than half as great as that of hay and forage, has a value almost as great. Of "other grains and seeds," flaxseed alone is important, with an acreage almost

as great as that of barley and a value considerably greater.

Of the hay and forage crops, "wild, salt, or prairie grasses" is most important, since it represents three-fourths of the total value and about five-sixths of the total acreage of these crops. The next in importance is "timothy alone."

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total.	11,887,141	217,246,973	Bu...		\$149,133,451
Corn.....	15,025	185,122	Bu...		2,403,303
Oats.....	50,903	2,147,032	Bu...		24,114,345
Wheat, total.....	59,305	8,188,782	Bu...		109,129,869
Common winter.....	874	93,078	Bu...		1,234,720
Common spring.....	53,394	6,872,515	Bu...		92,587,299
Durum or macaroni.....	11,075	1,223,189	Bu...		15,307,850
Emmer and spelt.....	6,428	101,144	Bu...		1,102,782
Barley.....	33,187	1,215,811	Bu...		11,962,036
Buckwheat.....	74	1,039	Bu...		9,135
Rye.....	1,463	48,188	Bu...		411,728
Kafir corn and milo maize.....	8	23	Bu...		253
Other grains and seeds with acreage report, total	1,069,019	10,256,561	Bu...		15,509,897
Dry edible beans.....	394	544	Bu...		12,862
Flaxseed.....	30,632	1,068,049	Bu...		15,488,016
Dry peas.....	103	399	Bu...		8,368
Seeds with no acreage report, total					100,099
Timothy seed.....	437	(3)	Bu...		47,985
Clover seed.....	24	(3)	Bu...		6,405
Millet seed.....	244	(3)	Bu...		27,084
Other tame grass seed.....	96	(3)	Bu...		17,077
Flower and garden seeds.....	4	(3)	Bu...		1,075
Hay and forage, total	55,662	2,864,218	Tons.		12,368,014
Timothy alone.....	6,930	183,686	Tons.		1,046,470
Timothy and clover mixed.....	972	34,068	Tons.		202,325
Clover alone.....	116	1,172	Tons.		7,705
Alfalfa.....	467	3,033	Tons.		36,050
Millet or Hungarian grass.....	7,102	88,931	Tons.		768,173
Other tame or cultivated grasses.....	2,669	70,757	Tons.		340,313
Wild, salt, or prairie grasses.....	48,805	2,393,694	Tons.		9,213,861
Grains cut green.....	2,916	45,628	Tons.		292,930
Coarse forage.....	3,324	43,232	Tons.		458,667
Root forage.....	15	17	Tons.		1,400
Potatoes.....	51,386	54,007	Bu...		2,079,125
Sweet potatoes and yams.....	3	(1)	Bu...		54
Tobacco.....	16	6	Lbs.		530
Sundry minor crops.....	3	18	Lbs.		725

¹ Includes small amounts of broom corn seed and peanuts.

² Includes small amount of alfalfa seed.

³ The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage, flowers and plants, etc.

⁴ Reported in small fractions.

⁵ Consists entirely of broom corn.

The increases in the acreages of some of the principal crops in North Dakota during the past 20 years are shown in the following table:

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Barley.	Flaxseed.	Hay and forage.
1909.....	185,122	2,147,032	8,188,782	1,215,811	1,068,049	2,864,218
1899.....	62,373	780,517	4,451,251	287,092	773,999	1,410,534
1889 ¹	11,954	402,355	2,709,421	109,400	43,724	558,720

¹ Dakota territory prior to 1890. In the crop year 1879 the territory had 90,852 acres of corn, 78,226 of oats, 265,298 of wheat, 16,156 of barley, and 188,792 of hay and forage. (Flaxseed not reported.)

The acreage of corn is more than fifteen times as great as it was in 1889, but the extent to which it is cultivated is still small, as compared with the other crops specified in the above table. Oats have increased in acreage to more than five times their extent in 1889. The acreage of wheat is more than three times as great, and the acreage of barley is over eleven times as great as in 1889. In the case of each of

these four cereals the greater actual gain occurred during the last of the two decades. The acreage of flaxseed is over twenty-four times as great as in 1889, the greater part of the gain having, however, been made between 1889 and 1899. The acreage of hay and forage is over five times as great as in 1889, it having more than doubled in each decade.

The following table shows for 1909 and 1899 the percentage which the farms reporting specified crops represented of all farms, the percentage of improved land devoted to these crops, and the percentage of increase in the acreage of each crop during the decade, together with the average yields and average values per acre for 1909:

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres: 1899 to 1900	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899			
Corn.....	20.2	13.4	0.9	0.6	196.8	26.7 Bu..	\$12.98
Oats.....	76.5	64.2	10.5	8.1	175.1	30.7 Bu..	11.23
Wheat.....	79.8	73.0	40.0	46.2	84.0	14.3 Bu..	13.33
Barley.....	44.6	38.0	5.9	3.0	323.5	21.7 Bu..	9.84
Flaxseed.....	41.2	38.5	5.2	8.0	38.0	0.6 Bu..	14.50
Hay and forage.....	74.9	75.9	14.0	14.6	103.1	1.05 Tons.	4.32
Potatoes.....	69.1	57.7	0.3	0.2	146.5	102.7 Bu..	38.45

Out of every hundred farms 80 report wheat, 76 report oats, 75 report hay and forage, 69 report potatoes, 45 report barley, 41 report flaxseed, and 20 report corn. These percentages are greater in every instance, except in that of hay and forage, than they were in 1899. The seven crops shown in the above table cover about 77 per cent of the improved land of the state, as compared with about 81 per cent in 1899. In each instance the proportion of improved land in wheat was greater than that of the others six combined. During the past decade there was an increase of 6,276,767 acres, or 111.9 per cent, in the acreage of the combined cereals and of 1,453,684 acres, or 103.1 per cent, in hay and forage. The average value per acre of all cereals combined is \$12.55. The average values of wheat and corn are slightly above this amount, being \$13.33 and \$12.98, respectively; those of other cereals are below it. The average for hay and forage is a little over one-third that of the average for the combined cereals. Potatoes, on the contrary, have an average value per acre somewhat over three times as great as that of the combined cereals.

Corn is grown to a larger extent in the southeastern part of the state than in any other section, Richland and Cass Counties reporting more than one-third of the acreage of the state. For the last decade three counties, Eddy, McIntosh, and Cavalier, show decreases in corn acreage. The acreage of oats is well distributed over the state, and shows an increase during the past decade for all counties except McIntosh. The acreage of wheat has shifted somewhat to the west during the past decade, great gains being recorded in the central and western counties, while the whole tier of counties along the east end of the state show heavy decreases. The greater part of the acreage in wheat, however, is still in the eastern section.

Every county shows an increase in the acreage of barley, the greatest increases occurring, however, in the eastern part of the state.

The acreage of hay and forage has increased in every county where comparison with 1900 is possible except Steele. The acreage of flaxseed shows a marked falling off in the eastern part of the state, the other sections showing increases. It is to be noticed that the decreases in the flaxseed acreages correspond in location quite closely to the heaviest increases in the acreage of barley.

Vegetables, flowers and plants, and nursery products: 1909 and 1899.—The table which follows shows details with regard to vegetables (not including potatoes and sweet potatoes and yams, which appear elsewhere), and also with regard to flowers and plants and nursery products:

CROP.	FARMS REPORTING: 1909		ACRES.		VALUE OF PRODUCTS.	
	Number.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	32,753	44.0	13,383	4,289	\$1,069,125	\$256,206
Farms reporting a product of \$500 or over.....	42	0.1	321		41,109	
All other farms.....	32,711	44.0	13,062		1,028,016	
Flowers and plants, total.....	16	(²)	4	2	47,221	2,900
Farms reporting a product of \$250 or over.....	9	(²)			46,476	
All other farms.....	7	(²)			745	
Nursery products, total.....	49	0.1	472	131	30,997	7,249
Farms reporting a product of \$250 or over.....	11	(²)			27,912	
All other farms.....	38	0.1			3,085	

¹ Does not include 10,499 farms which reported that they had vegetable gardens, but gave no information as to their products.

² Less than one-tenth of 1 per cent.

In 1909 the total acreage of potatoes and other vegetables was 67,450 and their value \$3,148,304. Excluding potatoes and sweet potatoes and yams (so far as reported separately ¹), the acreage of vegetables was 13,383 and their value \$1,069,000, both acreage and value being decidedly greater than in 1899.

The raising of flowers and plants and of nursery products is also of some importance in North Dakota, 476 acres being devoted to them in 1909, and the output being valued at \$78,218.

Small fruits: 1909 and 1899.—The following table shows data with regard to small fruits on farms:

CROP.	Number of farms reporting: 1909	ACRES.		Quantity (quarts): 1909	Value: 1909
		1909	1899		
Small fruits, total.....		339	67	285,696	\$39,641
Strawberries.....	883	88	3	66,028	10,445
Blackberries and dewberries.....	75	2	1	3,404	470
Raspberries and loganberries.....	923	85	12	60,742	9,141
Currents.....	2,378	138	36	97,598	12,128
Gooseberries.....	1,857	86	10	56,804	7,332
Cranberries.....	29	(²)	(³)	1,120	125
Other berries.....			5		

¹ It is probable that some of the potatoes and sweet potatoes and yams raised in farm gardens were not reported separately by farmers, but were included in their returns for vegetables.

² Reported in small fractions.

³ Less than 1 acre.

The production of small fruits in North Dakota in 1909 was 285,696 quarts, as compared with 70,152 quarts in 1899, and the value \$39,641, as compared with \$7,785. Currants were the most important of the small fruits raised in the state.

Orchard fruits, grapes, and nuts: 1909 and 1899.—The following table presents data with regard to orchard fruits, grapes, and nuts. The acreage devoted to these products was not ascertained. In comparing one year with the other the number of trees or vines of bearing age is on the whole a better index of the general changes or tendencies than the quantity of product, but the data for the censuses of 1910 and 1900 are not closely comparable, and the product is therefore compared, although variations may be due largely to temporarily favorable or unfavorable climatic conditions.

CROP.	TREES OR VINES OF BEARING AGE: 1910		TREES OR VINES NOT OF BEARING AGE: 1910		PRODUCT.		
	Farms reporting.	Number.	Farms reporting.	Number.	1909		1899
					Quantity. ¹	Value.	Quantity. ¹
Orchard fruits, total.....		40,296		128,037	5,685	\$9,688	1,647
Apples.....	1,248	15,941	3,906	70,023	4,374	7,270	1,273
Peaches and nectarines.....	14	90	54	604	35	71	
Pears.....	5	24	61	327	8	15	1
Plums and prunes.....	737	19,147	2,320	35,459	1,048	1,866	365
Cherries.....	410	5,076	1,837	21,484	209	445	4
Apricots.....	2	11	17	87	10	20	
Quinces.....	2	7	4	22	1	1	(²)
Mulberries.....			2	31			(²)
Unclassified.....							³
Grapes.....	20	379	98	1,464	360	14	1,500
Nuts ⁴		62		560			200

¹ Expressed in bushels for orchard fruits and pounds for grapes and nuts.

² Included with "unclassified."

³ Consists of products not separately named by the enumerator, but grouped under the designation "all other."

⁴ Includes pecans, chestnuts, butternuts, black walnuts, and hazelnuts for 1909 and miscellaneous nuts for 1899.

The total quantity of orchard fruits produced in 1909 was 5,685 bushels, valued at \$9,688, while that of grapes and of nuts was entirely insignificant.

The following table shows the quantities of the more advanced products manufactured by farmers from orchard fruits and grapes. Values were not called for on the schedule.

PRODUCT.	FARMS REPORTING: 1909		QUANTITY PRODUCED.		
	Number.	Per cent of all farms.	Unit.	1909	1899
Cider.....			Gals.....		158
Vinegar.....	2	(¹)	Gals.....	44	126
Wine and grape juice.....	11	(¹)	Gals.....	128	99
Dried fruits.....	2	(¹)	Lbs.....	106	

¹ Less than one-tenth of 1 per cent.

Sugar crops: 1909 and 1899.—The production of sugar crops in North Dakota is insignificant. One farm reported the production in 1909 of 300 pounds of maple sugar, valued at \$60, and 20 gallons of maple sirup, valued at \$40; 4 farmers reported a total of 3

acres of sugar beets with a production of 59 tons, valued at \$370; and 8 farmers reported a total of 26 acres of sorghum cane with a product of 128 tons, valued at \$722. The sugar beets and most of the sorghum cane were used as root forage and coarse forage.

Forest products: 1909 and 1899.—The census schedules for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910;" and also, in a separate item, for the "amount received from sale of standing timber in 1909." There were 2,803 farms in North Dakota (3.8 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$235,386, as compared with \$112,807 in 1899, an increase of 108.7 per cent. Of the value in 1909, \$160,829 was reported as that of products used or to be used on

the farms themselves, \$67,684 as that of products sold or for sale, and \$6,873 as the amount received for standing timber. It should be noted that forest products not produced on farms are not included in this report.

Miscellaneous crops: 1909.—Straw and cornstalks derived as by-products from the production of grain and corn have a considerable value for feed and other purposes. They are, however, mainly consumed on the farms producing them. The Census Bureau made no attempt to ascertain the total quantity or value of these products, but the schedules called for the quantity and value of those sold during the year 1909. The returns show that 163 farmers reported the sale of 2,764 tons of flax straw, valued at \$6,292. In addition, 82 farmers in North Dakota sold, during 1909, 1,009 tons of straw, for which they received \$1,631, and that 49 farmers sold 536 tons of cornstalks and leaves, for which they received \$2,420.

SELECTED FARM EXPENSES AND RECEIPTS.

Farm expenses: 1909 and 1899.—The next table shows the number of farms reporting expenditures for labor, feed, and fertilizer at the census of 1910, as well as the sums expended in 1909 and 1899:

EXPENSE.	1909			1899	INCREASE. ¹	
	Farms reporting.		Amount.	Amount.	Amount.	Per cent.
	Number.	Percent of all farms.				
Labor.....	45,775	61.6	\$21,740,149	\$9,207,220	\$12,532,929	136.1
Feed.....	19,624	26.4	2,003,028	(²)	.....	.....
Fertilizer.....	175	0.2	10,003	13,855	-3,852	-27.8

¹ A minus sign (—) denotes decrease. ² Not reported at the census of 1900.

Over three-fifths of all farmers in the state (45,775) hire labor, and the total expenditure is \$21,740,000, or an average of \$475 per farm hiring. Of the total amount expended, more than one-fifth is in the form of rent and board. During the decade 1899 to 1909 the total expenditure for labor increased by \$12,533,000, or 136.1 per cent. For no census prior to 1910 were reports secured of the value of rent and board furnished, or tabulation made of the number of farmers reporting expenditures for labor.

Of all farmers, 26.4 per cent report some expenditure for feed, while only two-tenths of 1 per cent report the

purchase of fertilizer. The total amount, \$10,000, reported as paid for fertilizer shows a decrease of \$3,852, or 27.8 per cent, since 1899. The expenditure for fertilizer in 1909 averaged \$57.16 per farm reporting; that for feed, \$102.07. No tabulation was made of the number of farmers reporting expenditures for fertilizer at prior censuses.

Receipts from sale of feedable crops: 1909.—An effort was made at the census of 1910 to secure as complete a statement as possible of the sales as well as of the production of the more important feedable crops (that is, crops ordinarily fed to live stock). The following table summarizes the data reported:

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Per cent of all farms.	Amount.	Unit.	
Total.....					\$6,679,840
Corn.....	760	1.0	140,760	Bu.....	76,408
Oats.....	10,006	13.6	6,135,574	Bu.....	2,345,631
Barley.....	11,234	15.1	8,552,914	Bu.....	3,940,294
Hay and coarse forage.....	3,852	5.2	63,332	Tons...	311,507

While the total amount expended by North Dakota farmers for the purchase of feed in 1909 was \$2,003,000, the total receipts from the sale of feed by those reporting sales amounted to \$6,680,000.

COUNTY TABLES.

Tables 1 to 6, which follow, present by counties the more important agricultural data collected at the Thirteenth Census, 1910.

Change of boundaries.—In comparing the data secured in 1910 with those for 1900, the following changes in county boundaries should be considered: Adams County was organized from part of Stark County in 1907; Bowman County was organized from part of Billings County in 1907; Burke County was organized from part of Ward County in 1910; Divide

County was organized from part of Williams County in 1910; Dunn County was organized from parts of Stark and Mercer Counties in 1908; Hettinger County was organized from part of Stark in 1907; McKenzie County was organized from parts of Stark and Billings Counties in 1905; Mountrail County was organized from part of Ward County in 1909; Renville County was organized from part of Ward County in 1910; and Sheridan County was organized from part of McLean County in 1909.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	THE STATE.	Adams.	Barnes.	Benson. ¹	Billings. ²	Bottineau.	Bowman.
1 Population.....	577,056	5,407	18,066	12,681	10,186	17,295	4,608
2 Population in 1900.....	319,146	(²)	13,159	8,320	975	7,532	(²)
3 Number of all farms.....	74,360	1,344	1,751	1,545	1,708	2,304	942
4 Number of all farms in 1900.....	46,532	(²)	1,665	1,266	163	1,966	(²)
5 Color and nativity of farmers:							
6 Native white.....	35,750	1,007	808	716	1,155	1,100	684
7 Foreign-born white.....	37,867	337	943	773	552	1,204	258
8 Negro and other nonwhite.....	743			56	1		
9 Number of farms, classified by size:							
10 Under 3 acres.....	54		1		23	2	
11 3 to 9 acres.....	82		1		2	7	
12 10 to 19 acres.....	93		4		3	3	
13 20 to 49 acres.....	450	8	4	21	6	10	
14 50 to 99 acres.....	1,207	38	20	46	14	18	12
15 100 to 174 acres.....	23,003	941	191	267	1,223	401	601
16 175 to 259 acres.....	5,345	85	90	124	52	194	72
17 260 to 499 acres.....	29,048	214	800	618	275	1,073	221
18 500 to 999 acres.....	12,662	45	512	399	75	525	31
19 1,000 acres and over.....	2,416	13	128	66	38	71	5
LAND AND FARM AREA							
20 Approximate land area.....acres..	44,917,120	638,080	966,400	872,960	2,178,560	1,075,840	744,960
21 Land in farms.....acres..	28,426,650	311,550	906,846	675,007	498,350	965,246	223,391
22 Land in farms in 1900.....acres..	15,543,640	(²)	740,553	574,939	38,166	440,722	(²)
23 Improved land in farms.....acres..	20,455,092	166,473	796,931	545,650	218,062	852,666	137,572
24 Improved land in farms in 1900.....acres..	9,644,520	(²)	525,520	224,127	22,498	184,211	(²)
25 Woodland in farms.....acres..	421,877	1,101	6,250	5,309	1,243	22,500	715
26 Other unimproved land in farms.....acres..	7,549,681	143,976	103,665	124,048	279,045	90,080	85,104
27 Per cent of land area in farms.....	63.3	48.8	93.8	77.3	22.9	89.7	30.0
28 Per cent of farm land improved.....	72.0	53.4	87.9	80.8	43.8	88.3	61.6
29 Average acres per farm.....	382.3	231.8	517.9	436.9	281.8	418.9	237.1
30 Average improved acres per farm.....	275.1	123.9	455.1	353.2	127.7	370.1	146.0
VALUE OF FARM PROPERTY							
31 All farm property.....dollars..	974,814,205	7,921,462	39,091,204	22,817,978	13,308,300	35,383,453	5,573,280
32 All farm property in 1900.....dollars..	256,466,751	(²)	12,693,817	5,863,239	1,440,320	4,971,878	(²)
33 Per cent increase, 1900-1910.....	281.9		210.4	289.2		611.8	
34 Land.....dollars..	730,380,131	6,101,349	30,095,088	16,869,772	8,556,593	26,600,005	4,177,871
35 Land in 1900.....dollars..	173,358,270	(²)	9,126,050	5,908,780	802,060	3,291,670	(²)
36 Buildings.....dollars..	92,276,613	456,269	4,102,240	2,547,280	811,360	3,560,605	323,236
37 Buildings in 1900.....dollars..	25,428,430	(²)	1,227,770	617,300	117,490	420,780	(²)
38 Implements and machinery.....dollars..	43,907,595	364,759	1,567,581	1,095,574	651,932	1,671,609	326,841
39 Implements, etc., in 1900.....dollars..	14,055,560	(²)	670,650	425,950	41,940	558,040	(²)
40 Domestic animals, poultry, and bees.....dollars..	108,249,866	999,085	3,326,295	2,305,402	3,238,415	3,551,234	745,332
41 Domestic animals, etc., in 1900.....dollars..	42,430,491	(²)	1,569,747	911,209	1,078,280	900,918	(²)
42 Per cent of value of all property in—							
43 Land.....	74.9	77.0	77.0	73.9	64.3	75.2	75.0
44 Buildings.....	9.5	5.8	10.5	11.2	6.1	10.1	5.8
45 Implements and machinery.....	4.5	4.6	4.0	4.8	4.9	4.7	5.9
46 Domestic animals, poultry, and bees.....	11.1	12.6	8.5	10.1	24.7	10.0	13.4
47 Average values:							
48 All property per farm.....dollars..	13,109	5,894	22,325	14,769	7,792	15,357	5,916
49 Land and buildings per farm.....dollars..	11,063	4,879	19,530	12,568	5,485	13,091	4,778
50 Land per acre.....dollars..	25.69	19.58	33.19	24.99	17.17	27.56	18.70
51 Land per acre in 1900.....dollars..	11.15	(²)	12.52	10.43	2.30	7.47	(²)
DOMESTIC ANIMALS (farms and ranges)							
52 Farms reporting domestic animals.....	71,634	1,171	1,731	1,486	1,538	2,267	862
53 Value of domestic animals.....dollars..	106,761,317	981,604	3,281,610	2,272,272	3,272,434	3,500,143	734,938
54 Cattle:							
55 Total number.....	743,762	6,010	19,830	12,243	30,896	15,273	3,737
56 Dairy cows.....	259,173	2,631	7,406	5,088	3,023	6,515	1,407
57 Other cows.....	119,510	562	1,436	1,264	12,648	1,636	594
58 Yearling heifers.....	104,203	768	2,935	1,928	2,979	2,036	627
59 Calves.....	130,683	1,236	3,353	1,948	4,466	2,802	655
60 Yearling steers and bulls.....	71,566	448	1,949	1,206	2,179	1,506	302
61 Other steers and bulls.....	58,627	365	1,027	547	5,601	678	152
62 Value.....dollars..	17,711,398	179,617	460,277	280,820	943,264	361,432	116,933
63 Horses:							
64 Total number.....	650,599	5,807	20,735	15,186	18,764	21,627	4,785
65 Mature horses.....	564,313	5,226	18,216	13,409	14,933	19,131	4,236
66 Yearling colts.....	61,671	411	1,730	1,388	2,358	1,722	406
67 Spring colts.....	24,615	170	789	389	1,473	1,774	143
68 Value.....dollars..	83,461,739	743,567	2,696,479	1,902,337	1,969,119	2,986,987	591,971
69 Mules:							
70 Total number.....	7,695	97	97	149	73	369	73
71 Mature mules.....	7,164	83	96	145	67	326	69
72 Yearling colts.....	421	12	1	2	6	33	2
73 Spring colts.....	110	2		2		10	2
74 Value.....dollars..	1,149,001	11,525	12,640	21,915	10,525	58,457	12,165
75 Asses and burros:							
76 Number.....	133	3	6	4	7	30	
77 Value.....dollars..	22,915	1,250	160	55	950	7,230	
78 Swine:							
79 Total number.....	331,603	1,956	11,765	5,774	3,071	8,459	690
80 Mature hogs.....	199,707	947	6,621	3,968	1,572	4,322	463
81 Spring pigs.....	131,896	1,009	5,144	1,806	1,499	4,137	227
82 Value.....dollars..	3,152,909	22,846	106,809	60,175	33,814	82,039	9,437
83 Sheep:							
84 Total number.....	293,371	6,184	1,336	1,550	67,351	848	832
85 Rams, ewes, and wethers.....	241,392	4,966	823	1,090	58,991	537	821
86 Spring lambs.....	51,979	1,218	513	460	8,360	311	11
87 Value.....dollars..	1,257,737	22,759	5,212	6,965	314,023	3,536	4,422
88 Goats:							
89 Number.....	1,074	8	5	2	135	62	2
90 Value.....dollars..	5,618	40	33	5	739	462	10
POULTRY AND BEES							
91 Number of poultry of all kinds.....	3,268,109	33,209	104,205	74,955	35,614	113,830	19,708
92 Value.....dollars..	1,485,463	17,481	44,678	33,130	15,981	51,083	10,394
93 Number of colonies of bees.....	495						
94 Value.....dollars..	3,086						

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table.² Change of boundary. (See explanation at close of text.)

STATISTICS OF AGRICULTURE.

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BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in italics.]

	Burke.	Burleigh.	Cass.	Cavalier.	Dickey.	Divide.	Dunn. ¹	Eddy.	Emmons.	Foster.	Grand Forks.	Griggs.	Hettinger.
1	9,064	13,087	33,935	15,659	9,839	6,015	5,302	4,800	9,796	5,313	27,888	6,274	6,557
2	(²)	6,081	28,025	12,580	6,061	(²)	(²)	3,330	4,349	3,770	24,459	4,744	(²)
3	1,568	1,416	2,046	1,944	1,089	961	1,461	646	1,490	631	1,900	808	1,326
4	(²)	565	2,309	2,280	933	(²)	(²)	577	820	564	2,308	767	(²)
5	911	741	828	575	560	591	717	326	664	387	889	322	782
6	657	675	1,216	1,357	529	370	704	320	826	244	1,009	486	544
7			2	12			40				2		
8							1				1		
9	3	1	2	2	1				1	3	4	2	
10			4	4	3				2	1	12	2	
11	1	8	22	8	8		4	1	2	4	12	3	2
12	28	36	25	23	7	8	17	8	24	4	22	6	23
13	385	646	263	349	141	550	1,003	85	356	86	322	78	742
14	124	77	142	146	59	33	80	43	119	8	131	41	119
15	774	449	895	909	450	294	211	288	614	280	905	371	340
16	221	143	564	449	332	69	93	161	304	196	421	257	78
17	23	51	124	55	88	6	52	55	68	49	99	48	22
18	712,320	1,056,640	1,128,320	956,160	730,880	812,800	1,333,760	416,640	1,000,320	412,160	917,120	458,880	724,480
19	564,416	495,709	1,013,647	824,860	594,630	257,213	423,027	329,762	642,618	394,537	823,900	406,144	357,892
20	(²)	204,749	1,080,650	595,266	470,810	(²)	(²)	295,517	286,542	246,992	801,872	327,947	(²)
21	390,255	251,033	961,315	716,813	413,631	152,880	136,577	245,883	389,916	237,715	725,195	321,946	172,761
22	(²)	81,745	977,951	522,369	249,915	(²)	(²)	146,641	103,432	165,147	743,557	219,100	(²)
23	729	4,177	17,096	30,330	1,710	1,717	3,744	3,862	5,336	587	20,136	3,526	2,357
24	173,432	240,499	35,236	77,717	179,289	102,616	282,706	80,017	247,366	36,235	69,509	80,472	182,774
25	79.2	46.9	89.8	86.3	81.4	31.6	31.7	79.1	64.2	81.2	89.8	88.5	49.4
26	69.1	50.6	94.8	86.9	69.6	59.4	32.3	74.6	60.7	89.0	88.4	79.2	48.3
27	360.0	350.1	495.4	424.3	548.0	267.7	289.5	510.5	431.3	530.2	433.6	502.7	269.0
28	248.9	177.3	469.8	368.7	379.8	159.1	93.5	380.6	261.7	471.8	383.3	398.3	130.3
29	13,546,798	13,416,773	53,803,411	31,427,698	25,025,164	5,647,007	10,013,616	10,660,705	18,222,337	12,655,021	38,251,053	16,482,784	10,243,061
30	(²)	1,778,783	29,259,230	8,637,757	4,176,813	(²)	(²)	2,873,983	2,873,100	3,885,992	19,089,244	4,875,859	(²)
31		654.2	83.9	263.8	499.1			271.2	667.9	225.7	91.3	238.0	
32	9,908,260	9,337,594	41,735,003	23,736,320	19,890,686	3,913,688	7,051,081	8,080,595	13,524,740	9,754,813	29,115,138	12,227,715	7,658,651
33	(²)	830,180	22,551,710	5,832,090	2,542,380	(²)	(²)	1,955,780	2,339,330	2,339,330	14,983,410	3,449,010	(²)
34	1,310,240	1,345,430	5,537,590	3,062,240	1,825,300	430,452	596,149	1,014,925	1,385,870	1,204,880	4,151,640	1,824,300	604,732
35	(²)	170,730	2,832,160	807,900	442,680	(²)	(²)	292,600	234,700	295,080	2,141,980	444,550	(²)
36	723,802	650,520	2,020,342	1,483,295	1,008,476	367,793	448,806	468,342	727,805	551,750	1,775,511	733,254	542,475
37	(²)	84,370	1,309,070	655,050	212,980	(²)	(²)	192,540	121,420	249,270	872,400	811,870	(²)
38	1,604,496	2,083,229	4,510,476	3,145,843	2,300,702	935,074	1,917,580	1,096,843	2,583,922	1,143,578	3,207,764	1,607,515	1,347,203
39	(²)	693,603	2,566,290	1,312,717	978,835	(²)	(²)	451,063	1,080,080	502,802	2,001,454	670,629	(²)
40	73.1	69.6	77.6	75.5	79.5	69.3	70.4	75.8	74.2	77.1	76.2	74.8	74.8
41	9.7	10.0	10.3	9.7	7.3	7.6	6.0	9.5	7.6	9.5	10.9	11.1	6.8
42	5.3	4.8	3.8	4.7	4.0	6.5	4.5	4.4	4.0	4.4	4.6	4.4	5.3
43	11.8	15.5	8.4	10.0	9.2	16.6	19.2	10.3	14.2	9.0	8.4	10.3	13.2
44	8,640	9,475	26,297	16,167	22,980	5,876	6,854	16,503	12,230	20,056	20,132	20,399	7,725
45	7,155	7,544	23,105	13,785	19,941	4,520	5,234	14,080	10,007	17,369	17,509	17,391	6,300
46	17.55	18.84	41.17	23.78	33.45	15.22	16.67	24.50	21.05	29.16	35.34	30.11	21.40
47	(²)	4.06	20.37	9.88	5.40	(²)	(²)	8.50	3.44	11.50	17.98	10.52	(²)
48	1,487	1,386	2,038	1,922	1,066	896	1,285	634	1,474	597	1,852	789	1,232
49	1,577,696	2,057,010	4,434,561	3,099,361	2,269,579	924,345	1,903,927	1,083,038	2,560,828	1,125,161	3,158,161	1,677,749	1,329,298
50	7,969	19,538	26,044	16,231	17,028	4,859	21,006	6,462	28,018	5,975	21,405	6,987	6,844
51	3,769	5,662	11,225	6,850	5,201	1,820	2,698	2,368	7,649	2,004	8,787	2,996	2,856
52	407	3,853	3,164	1,680	509	6,515	970	5,114	1,062	3,093	712	1,201	1,201
53	1,219	2,532	3,697	2,709	2,357	545	2,638	955	3,691	849	2,968	1,035	825
54	1,495	3,538	4,231	2,822	2,883	857	3,345	1,118	4,964	915	3,787	1,312	1,223
55	603	1,982	2,196	1,673	1,882	343	2,354	745	3,412	632	1,930	585	450
56	476	1,971	1,531	497	1,632	785	3,456	306	3,188	516	840	347	289
57	203,513	478,422	681,700	386,665	420,655	159,216	555,151	151,158	630,019	147,139	467,943	168,511	172,469
58	10,578	11,594	27,253	18,568	12,575	5,276	12,099	6,616	14,716	7,228	19,975	10,459	7,366
59	9,589	9,717	24,178	16,057	10,958	4,630	9,619	5,777	12,319	6,350	17,579	8,987	6,495
60	777	1,245	2,165	1,809	1,116	461	1,741	678	1,761	602	1,709	1,093	628
61	212	632	910	702	501	185	739	161	636	276	687	379	243
62	1,313,821	1,477,185	3,418,646	2,596,824	1,713,878	740,021	1,210,273	876,485	1,819,460	906,113	2,485,467	1,436,352	1,069,418
63	162	112	234	135	260	72	29	73	93	125	378	124	64
64	160	100	223	134	210	71	24	68	89	122	371	119	61
65	2	10	11	1	30	1	5	5	3	3	4	2	2
66		2			20				1		3	3	1
67	25,000	16,385	33,249	18,805	33,615	10,520	3,835	10,415	13,145	19,440	68,765	19,505	11,225
68	2	2	3	2	5	1		1			6	5	
69	525	50	955	325	2,600	25		1,500	200		370	435	
70	3,274	5,075	22,087	9,042	9,553	1,416	3,878	3,112	8,901	3,989	12,041	3,808	3,546
71	2,088	2,842	13,070	5,292	5,502	806	2,459	1,969	5,554	2,536	6,902	2,637	2,266
72	1,186	2,233	9,017	3,750	3,991	610	1,419	1,143	3,347	1,453	5,139	1,171	1,280
73	34,127	55,504	247,724	88,226	93,963	13,284	30,324	30,206	77,170	35,023	115,091	40,516	32,756
74	153	6,117	10,086	1,803	1,364	310	24,656	2,315	5,398	3,683	4,076	2,785	11,555
75	103	4,991	7,039	1,340	937	175	21,944	1,928	4,185	2,823	2,876	2,208	10,897
76	50	1,126	3,047	463	427	135	2,712	387	1,213	860	1,200	577	658
77	710	29,456	51,973	8,342	4,853	1,279	104,809	13,148	20,794	17,417	20,448	12,420	43,420
78		2	71	35	4		7	28	8	5	13	2	3
79		8	264	174	15		35	126	40	29	77	10	15
80	59,966	49,543	152,170	95,361	59,866	25,074	32,200	31,756	60,061	37,458	111,082	41,922	41,125
81	26,791	26,089	75,565	46,477	31,070	10,729	13,653	13,805	23,094	18,417	49,472	19,766	17,905
82	1	13	44	1	9						18		
83	9	130	350	5	53						131		

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	Kidder.	Lamoure.	Logan.	McHenry.	McIntosh.	McKenzie. ¹	McLean. ^{1 2}	Mercer. ^{1 2}	Morton. ¹
1 Population.....	5,962	10,724	6,168	17,627	7,251	5,720	14,496	4,747	25,289
2 <i>Population in 1900.....</i>	<i>1,754</i>	<i>6,043</i>	<i>1,626</i>	<i>5,253</i>	<i>4,818</i>	(?)	<i>4,791</i>	<i>1,778</i>	<i>8,069</i>
3 Number of all farms.....	1,241	1,302	1,017	2,329	933	1,406	2,379	860	3,984
4 <i>Number of all farms in 1900.....</i>	<i>264</i>	<i>906</i>	<i>253</i>	<i>1,104</i>	<i>744</i>	(?)	<i>763</i>	<i>295</i>	<i>1,040</i>
5 Color and nativity of farmers:									
6 Native white.....	734	668	293	1,101	155	950	1,078	301	1,720
7 Foreign-born white.....	506	634	724	1,226	778	454	1,187	545	2,133
8 Negro and other nonwhite.....	1			2		2	114	14	131
9 Number of farms, classified by size:									
10 Under 3 acres.....				1		9	3	1	1
11 3 to 9 acres.....				2					3
12 10 to 19 acres.....		1		2		1			2
13 20 to 49 acres.....	4	3	3	10	1	10	28	6	11
14 50 to 99 acres.....	28	7	15	35	14	26	63	11	86
15 100 to 174 acres.....	702	190	315	505	171	1,093	661	382	2,079
16 175 to 259 acres.....	108	76	85	197	78	80	198	59	200
17 260 to 499 acres.....	298	631	435	1,190	356	150	1,049	268	968
18 500 to 999 acres.....	77	322	133	347	247	23	324	114	489
19 1,000 acres and over.....	24	72	31	40	66	8	53	19	145
20 LAND AND FARM AREA									
21 Approximate land area..... acres.....	887,040	734,080	638,080	1,208,320	641,920	1,822,080	1,475,200	710,400	3,034,880
22 Land in farms..... acres.....	341,153	624,845	403,872	876,933	467,584	277,857	837,250	286,775	1,326,450
23 <i>Land in farms in 1900.....</i>	<i>128,791</i>	<i>347,861</i>	<i>97,618</i>	<i>204,969</i>	<i>275,983</i>	(?)	<i>177,689</i>	<i>120,164</i>	<i>405,467</i>
24 Improved land in farms..... acres.....	204,424	560,431	160,475	715,852	220,951	95,295	580,606	172,094	569,963
25 <i>Improved land in farms in 1900.....</i>	<i>48,632</i>	<i>213,055</i>	<i>51,271</i>	<i>92,908</i>	<i>142,728</i>	(?)	<i>65,264</i>	<i>37,789</i>	<i>124,500</i>
26 Woodland in farms..... acres.....	773	2,546	2,713	11,096	1,304	7,278	10,626	2,391	9,206
27 Other unimproved land in farms..... acres.....	135,956	61,568	234,684	149,985	245,329	175,284	246,018	112,290	747,281
28 Per cent of land area in farms.....	38.5	85.1	63.3	72.6	72.8	15.2	56.8	40.4	43.7
29 Per cent of farm land improved.....	59.9	80.8	41.2	81.6	47.3	34.3	69.3	60.0	43.0
30 Average acres per farm.....	274.9	479.5	397.1	376.5	501.2	197.6	351.9	333.5	332.9
31 Average improved acres per farm.....	164.7	430.4	163.7	307.4	236.8	67.8	244.1	200.1	143.1
32 VALUE OF FARM PROPERTY									
33 All farm property..... dollars.....	8,723,128	26,790,396	9,993,823	27,993,958	11,775,792	6,351,118	20,523,134	7,398,696	30,971,490
34 <i>All farm property in 1900.....</i>	<i>1,338,613</i>	<i>4,963,875</i>	<i>1,027,554</i>	<i>3,153,297</i>	<i>2,517,024</i>	(?)	<i>2,563,444</i>	<i>1,192,665</i>	<i>3,477,676</i>
35 Per cent increase, 1900-1910.....	554.1	439.8	872.6	786.4	408.2				790.6
36 Land..... dollars.....	6,190,222	20,848,381	7,363,420	20,760,867	8,813,665	3,722,757	15,020,757	5,401,124	22,077,060
37 <i>Land in 1900.....</i>	<i>537,100</i>	<i>3,128,130</i>	<i>368,700</i>	<i>1,871,620</i>	<i>1,264,010</i>	(?)	<i>1,201,230</i>	<i>354,880</i>	<i>1,248,870</i>
38 Buildings..... dollars.....	706,190	2,832,615	727,625	2,686,245	960,110	448,573	1,718,747	563,294	2,763,684
39 <i>Buildings in 1900.....</i>	<i>136,530</i>	<i>2,839,050</i>	<i>72,625</i>	<i>269,190</i>	<i>270,840</i>	(?)	<i>182,320</i>	<i>111,030</i>	<i>2,055,600</i>
40 Implements and machinery..... dollars.....	363,014	1,161,464	457,500	1,364,000	448,630	408,886	1,081,341	361,873	1,499,559
41 <i>Implements, etc., in 1900.....</i>	<i>61,500</i>	<i>110,930</i>	<i>41,700</i>	<i>180,600</i>	<i>182,790</i>	(?)	<i>143,130</i>	<i>41,520</i>	<i>192,230</i>
42 Domestic animals, poultry, and bees..... dollars.....	1,464,702	2,428,036	1,445,278	3,282,842	1,553,387	1,770,902	2,702,289	1,072,905	4,631,187
43 <i>Domestic animals, etc., in 1900.....</i>	<i>598,803</i>	<i>339,265</i>	<i>644,654</i>	<i>896,937</i>	<i>609,384</i>	(?)	<i>836,764</i>	<i>685,855</i>	<i>1,636,976</i>
44 Per cent of value of all property in—									
45 Land.....	71.0	77.8	73.7	74.2	74.9	58.6	73.2	73.0	71.3
46 Buildings.....	8.1	8.8	7.3	9.2	8.2	7.1	8.4	7.6	8.9
47 Implements and machinery.....	4.2	4.3	4.6	4.9	3.8	6.4	5.3	4.9	4.8
48 Domestic animals, poultry, and bees.....	16.8	9.1	14.5	11.7	13.2	27.9	13.2	14.5	15.0
49 Average values:									
50 All property per farm..... dollars.....	7,029	20,576	9,827	12,020	12,621	4,517	8,627	8,603	7,774
51 Land and buildings per farm..... dollars.....	5,556	17,819	7,956	10,025	10,476	2,907	7,036	6,935	6,235
52 Land per acre..... dollars.....	18.15	33.39	18.23	23.67	18.85	13.40	17.94	18.83	16.64
53 <i>Land per acre in 1900.....</i>	<i>4.17</i>	<i>8.99</i>	<i>3.78</i>	<i>7.06</i>	<i>4.54</i>	(?)	<i>6.76</i>	<i>2.95</i>	<i>3.07</i>
54 DOMESTIC ANIMALS (farms and ranges)									
55 Farms reporting domestic animals.....	1,189	1,289	1,000	2,295	928	1,250	2,324	829	3,719
56 Value of domestic animals..... dollars.....	1,447,781	2,394,236	1,430,051	3,233,531	1,534,583	1,756,299	2,667,962	1,061,441	4,678,088
57 Cattle:									
58 Total number.....	14,797	14,347	17,159	18,974	19,725	17,491	16,967	10,287	41,302
59 Dairy cows.....	5,009	5,205	5,434	7,066	6,722	1,976	5,934	3,156	12,255
60 Other cows.....	1,984	2,099	2,926	2,690	3,067	5,739	2,895	1,555	8,557
61 Yearling heifers.....	2,292	2,006	2,370	2,911	2,831	2,427	2,491	1,678	5,295
62 Calves.....	2,677	2,633	3,785	3,200	4,806	1,938	2,868	1,857	7,542
63 Yearling steers and bulls.....	1,816	1,612	1,747	1,878	1,878	1,535	1,535	1,843	4,051
64 Other steers and bulls.....	1,019	992	1,061	1,370	821	3,398	1,244	768	3,802
65 Value..... dollars.....	326,626	311,637	347,610	458,246	368,807	520,407	400,463	204,846	957,894
66 Horses:									
67 Total number.....	9,200	13,371	7,892	20,286	7,912	10,141	17,701	6,462	27,852
68 Mature horses.....	7,767	11,954	6,573	17,832	6,520	8,460	15,074	5,357	23,685
69 Yearling colts.....	1,050	878	823	1,775	1,020	1,236	1,948	740	2,995
70 Spring colts.....	383	539	496	679	372	445	679	365	1,272
71 Value..... dollars.....	1,055,475	1,979,049	1,030,613	2,644,675	1,095,597	1,105,752	2,178,625	808,517	3,370,952
72 Mules:									
73 Total number.....	68	233	35	264	39	54	165	15	208
74 Mature mules.....	68	217	27	241	34	54	161	14	194
75 Yearling colts.....		6	6	16				1	13
76 Spring colts.....		10	2	7	5		4		1
77 Value..... dollars.....	9,055	38,530	4,558	40,770	5,870	9,075	28,815	1,820	26,180
78 Asses and burros:									
79 Number.....	1	5	2	1	1				3
80 Value..... dollars.....	40	1,075	525	25	75				500
81 Swine:									
82 Total number.....	2,032	7,331	3,898	9,300	7,060	3,003	5,602	3,451	14,655
83 Mature hogs.....	1,176	2,411	5,399	5,163	3,163	1,163	3,698	2,162	8,854
84 Spring pigs.....	856	3,081	1,487	3,901	1,897	1,835	1,904	1,289	5,801
85 Value..... dollars.....	18,629	61,425	30,247	81,653	51,709	27,415	54,565	23,411	118,852
86 Sheep:									
87 Total number.....	8,334	629	3,731	1,875	4,377	24,685	1,190	6,592	28,032
88 Rams, ewes, and wethers.....	6,876	461	2,420	1,488	3,215	19,304	988	5,083	24,660
89 Spring lambs.....	1,458	168	1,311	387	1,162	5,381	202	1,509	3,372
90 Value..... dollars.....	37,830	2,550	16,393	7,892	12,343	93,650	5,469	22,845	103,504
91 Goats:									
92 Number.....	26	15	17	69	58		6	1	38
93 Value..... dollars.....	126	74	105	270	182		25	3	206
94 POULTRY AND BEES									
95 Number of poultry of all kinds.....	33,125	67,977	37,378	109,958	45,434	28,414	80,383	32,613	130,749
96 Value..... dollars.....	16,921	33,785	15,227	49,311	18,804	14,603	34,827	11,443	53,099
97 Number of colonies of bees.....	3							3	
98 Value..... dollars.....		15						21	

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table.² Change of boundary. (See explanation at close of text.)

STATISTICS OF AGRICULTURE.

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BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Mountrail. ¹	Nelson.	Oliver.	Pembina.	Pierce.	Ramsey.	Ransom.	Renville.	Richland.	Rolette. ¹	Sargent.	Sheridan.	Stark. ²
1	8,491	10,140	3,577	14,749	9,740	15,199	10,345	7,840	19,659	9,558	9,202	8,103	12,504
2	(?)	7,316	990	17,889	4,765	9,198	6,919	(?)	17,387	7,995	6,039	(?)	7,621
3	1,830	1,180	840	1,517	1,275	1,315	1,181	1,348	2,101	1,329	1,191	1,207	1,456
4	(?)	1,216	197	2,106	1,039	1,551	923	(?)	2,256	1,003	924	(?)	846
5	1,179	453	437	289	466	592	614	840	880	469	633	327	433
6	633	727	403	1,224	807	723	567	508	1,220	542	553	380	1,022
7	18			4	2				1	318	5		1
8				1	1	4			2				
9		1		5	1	1		3	5	1			1
10	1		2	3		1		1					
11	13	5	7	16	10	7	12	12	26	11	2	2	1
12	29	12	25	28	13	9	36	14	43	77	10	32	26
13	593	131	378	270	168	102	241	294	410	532	222	304	704
14	167	61	55	164	106	90	97	96	239	65	112	154	37
15	560	567	260	691	613	580	555	694	1,055	395	569	496	395
16	149	345	93	295	317	440	203	217	286	212	228	190	217
17	18	57	20	44	46	81	36	16	32	35	39	20	72
18	1,224,960	627,840	460,800	714,880	675,200	771,200	550,400	575,360	919,680	587,520	547,200	637,440	867,840
19	507,008	574,124	282,791	600,803	554,810	667,415	456,253	498,281	753,973	441,477	484,909	418,418	540,611
20	(?)	432,738	63,081	655,524	269,289	536,495	393,383	(?)	719,052	297,694	359,779	(?)	523,624
21	228,986	477,464	31,378	621,960	445,634	575,705	389,855	428,733	662,824	313,573	381,138	306,759	240,529
22	(?)	264,434	21,673	647,040	126,009	314,512	234,461	(?)	577,916	127,777	208,645	(?)	137,616
23	2,447	4,244	1,854	53,846	5,888	4,151	11,116	4,465	16,864	34,975	1,686	1,309	1,277
24	275,575	92,416	189,559	24,897	103,278	87,499	55,282	65,083	74,285	92,929	102,085	110,350	298,705
25	41.4	91.4	61.4	84.0	82.2	86.5	82.9	86.6	82.0	75.1	88.6	65.6	62.3
26	45.2	83.2	32.3	86.9	80.3	86.3	85.4	86.0	87.9	71.0	78.6	73.3	44.5
27	277.1	486.5	336.7	396.0	435.1	507.5	386.3	369.6	358.9	332.2	407.1	346.7	371.2
28	125.1	404.6	108.8	344.1	349.5	437.8	330.1	318.1	315.5	235.9	320.0	254.1	165.2
29	9,853,659	21,841,555	6,365,617	24,424,087	18,952,621	25,079,499	20,215,880	14,229,870	35,127,179	13,726,834	21,473,120	13,104,617	14,699,846
30	(?)	6,856,262	534,960	15,442,856	3,105,540	7,660,411	5,607,970	(?)	15,713,488	2,662,563	4,438,299	(?)	4,764,638
31		273.0	1,089.9	58.2	510.7	227.4	260.5		123.5	409.8	384.9		
32	7,223,715	16,399,030	4,423,261	17,945,478	14,513,513	18,589,969	15,580,860	10,573,235	23,052,169	9,901,870	16,556,114	9,983,650	10,588,415
33	(?)	3,905,290	174,680	11,837,840	1,930,060	3,253,190	3,739,820	(?)	11,368,940	1,642,040	2,836,480	(?)	1,401,440
34	734,145	2,384,400	665,065	2,809,255	1,599,815	2,749,285	2,000,553	1,299,260	4,409,855	1,412,255	2,042,544	944,075	1,189,150
35	(?)	578,750	43,480	1,631,760	253,810	734,340	534,520	(?)	1,825,770	232,620	426,810	(?)	289,000
36	548,757	1,008,288	296,715	1,150,845	793,258	1,148,116	730,596	771,621	1,341,756	731,266	787,420	575,696	785,096
37	(?)	367,320	24,760	814,840	267,490	498,980	312,320	(?)	772,320	237,570	236,730	(?)	180,470
38	1,347,042	2,059,837	980,576	2,509,509	2,046,035	2,592,129	1,854,171	1,585,754	3,323,399	1,681,413	2,088,742	1,601,196	2,137,185
39	(?)	916,902	292,100	1,657,806	647,680	1,118,961	1,027,340	(?)	1,716,488	575,453	893,279	(?)	2,882,728
40	73.3	75.0	69.5	73.5	76.6	74.1	77.1	74.3	74.2	77.1	76.2	76.2	72.0
41	7.5	10.9	10.4	11.5	8.4	11.0	9.9	9.1	12.6	10.3	9.5	7.2	8.1
42	5.6	4.6	4.7	4.7	4.2	4.6	3.9	5.4	3.8	5.3	3.7	4.4	5.3
43	13.7	9.4	15.4	10.3	10.8	10.3	9.2	11.1	9.5	12.2	9.7	12.2	14.5
44	5,385	18,510	7,578	16,100	14,865	19,072	17,118	10,556	16,719	10,329	13,029	10,857	10,096
45	4,349	15,910	6,058	13,681	12,638	16,228	14,887	8,807	14,499	8,513	15,616	9,054	8,089
46	14.25	28.55	15.64	29.87	26.16	27.85	34.15	21.22	34.65	22.42	34.14	23.86	19.59
47	(?)	9.21	2.81	17.30	7.17	9.80	9.49	(?)	15.86	6.83	7.88	(?)	2.68
48	1,585	1,163	798	1,506	1,254	1,298	1,154	1,330	2,041	1,288	1,168	1,181	1,412
49	1,325,259	2,031,167	968,440	2,470,640	2,020,852	2,554,663	1,828,415	1,555,084	3,300,286	1,623,501	2,054,865	1,576,886	2,112,432
50	11,105	13,481	9,789	16,386	9,597	11,760	15,292	6,882	30,861	9,911	20,655	8,574	15,797
51	4,145	5,244	3,489	6,593	4,279	5,370	5,491	3,250	11,857	3,770	6,648	3,854	4,290
52	792	1,459	1,367	2,040	895	1,013	2,068	588	4,135	1,349	3,361	688	3,882
53	1,424	2,189	1,240	2,418	1,523	1,652	2,208	1,022	4,257	1,539	3,150	1,811	2,183
54	1,844	2,516	1,790	2,575	1,761	2,099	2,756	1,232	5,155	1,757	3,630	1,689	2,565
55	788	1,427	1,025	1,838	742	1,109	1,710	337	3,283	1,018	2,428	541	1,237
56	2,112	646	878	922	397	1,059	453	2,174	478	1,538	491	1,640	1,640
57	297,693	299,590	199,634	384,750	217,393	305,093	318,831	167,818	615,675	216,457	423,851	206,127	403,340
58	8,475	12,755	5,934	14,126	12,518	15,426	11,005	10,787	20,070	10,178	11,937	9,700	11,466
59	7,641	11,127	5,133	12,520	10,870	13,500	9,554	9,670	17,302	8,772	10,364	8,181	9,675
60	651	1,259	678	1,235	1,145	1,375	930	862	2,089	974	1,151	1,098	1,310
61	183	369	123	371	503	551	521	255	679	432	422	421	481
62	989,117	1,636,047	729,230	1,939,183	1,729,498	2,116,950	1,413,739	1,332,421	2,425,488	1,328,915	1,481,603	1,324,246	1,589,159
63	109	222	63	68	115	232	143	155	307	104	221	63	31
64	108	208	42	59	112	227	119	155	267	96	188	62	24
65	1	13	19	9	3	4	17		35	8	27	1	5
66		1	2			1	7		5		6		2
67	14,170	29,775	7,255	8,845	17,165	37,015	17,876	19,250	48,290	16,767	32,350	9,270	3,255
68		1	1	1		4	1		3	3			1
69		15	260	40		335	150		625	190			200
70	1,889	5,373	3,134	9,816	6,662	7,513	7,611	3,276	19,029	5,066	10,904	4,201	7,968
71	1,256	3,442	1,990	5,995	4,681	4,185	3,982	2,072	11,504	2,787	6,535	2,644	5,131
72	633	1,931	1,144	3,821	1,981	3,328	3,629	1,204	7,525	2,379	4,369	1,557	2,637
73	20,590	59,823	25,341	88,002	55,951	81,895	70,775	33,424	193,952	51,219	106,185	35,360	59,304
74	728	1,471	1,580	10,390	213	2,113	1,580	481	3,546	1,948	2,129	540	14,321
75	626	1,191	1,369	7,626	149	1,678	1,041	318	2,573	1,399	1,566	353	13,763
76	102	280	211	2,864	64	435	539	163	973	549	563	187	558
77	3,677	5,812	6,705	49,497	719	13,355	7,039	2,064	15,812	9,781	10,154	1,848	57,057
78	2	3	6	38	24	20	1	21	85	51	46	9	29
79	12	105	25	323	126	110	5	107	444	182	222	35	117
80	45,088	60,330	29,753	83,079	59,434	77,389	58,999	62,207	44,771	141,622	70,091	57,079	58,004
81	21,783	28,670	12,027	37,422	25,183	37,466	25,756	30,670	22,566	57,847	32,273	24,280	24,783
82			13	251					91	13	18	2	
83			109	1,447					547	65	104	30	

TABLE 1.—FARMS AND FARM PROPERTY, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Steele.	Stutsman.	Towner.	Trail.	Walsh.	Ward. ^{1 2}	Wells.	Williams. ¹	Indian res- ervations.
1 Population.....	7,616	18,189	8,963	12,545	19,491	25,281	11,814	14,234	
2 <i>Population in 1900.....</i>	<i>5,888</i>	<i>9,143</i>	<i>6,491</i>	<i>13,107</i>	<i>20,288</i>	<i>7,961</i>	<i>8,310</i>	<i>1,630</i>	<i>2,208</i>
3 Number of all farms.....	888	2,147	1,044	1,150	2,179	2,811	1,438	2,602	
4 <i>Number of all farms in 1900.....</i>	<i>871</i>	<i>1,165</i>	<i>1,207</i>	<i>1,296</i>	<i>2,636</i>	<i>1,670</i>	<i>1,444</i>	<i>128</i>	<i>1,298</i>
5 Color and nativity of farmers:									
6 Native white.....	405	1,182	625	454	732	1,681	599	1,697	
7 Foreign-born white.....	483	965	419	696	1,447	1,127	839	891	
8 Negro and other nonwhite.....						3		14	
9 Number of farms, classified by size:									
10 Under 3 acres.....				1					
11 3 to 9 acres.....	1	2	2	12	2	4	3		
12 10 to 19 acres.....		4		7	9	5		1	
13 20 to 49 acres.....	9	9	3	12	26	20	7	11	
14 50 to 99 acres.....	8	32	1	14	34	54	13	33	
15 100 to 174 acres.....	94	600	80	194	484	896	175	1,101	
16 175 to 259 acres.....	48	123	37	94	218	251	70	241	
17 260 to 499 acres.....	442	869	534	532	1,080	1,215	688	925	
18 500 to 999 acres.....	242	413	309	232	306	339	416	257	
19 1,000 acres and over.....	44	95	78	52	20	25	64	33	
LAND AND FARM AREA									
20 Approximate land area..... acres..	458,880	1,460,480	663,680	553,600	820,480	1,314,560	827,520	1,368,320	
21 Land in farms..... acres..	432,914	894,474	555,207	528,729	758,974	916,281	681,351	786,983	
22 <i>Land in farms in 1900.....</i>	<i>386,261</i>	<i>516,248</i>	<i>348,689</i>	<i>553,697</i>	<i>771,914</i>	<i>330,847</i>	<i>470,004</i>	<i>32,593</i>	<i>148,981</i>
23 Improved land in farms..... acres..	379,200	661,424	470,403	509,800	653,547	652,328	576,235	305,292	
24 <i>Improved land in farms in 1900.....</i>	<i>320,337</i>	<i>268,941</i>	<i>220,990</i>	<i>515,687</i>	<i>616,279</i>	<i>71,200</i>	<i>291,201</i>	<i>15,036</i>	<i>37,317</i>
25 Woodland in farms..... acres..	6,723	6,085	2,639	11,567	35,556	20,396	2,951	5,270	
26 Other unimproved land in farms..... acres..	46,991	226,965	82,165	7,362	69,871	243,557	102,165	476,421	
27 Per cent of land area in farms.....	94.3	61.2	83.7	95.5	92.5	69.7	82.3	57.5	
28 Per cent of farm land improved.....	87.6	73.9	84.7	96.4	86.1	71.2	84.6	38.8	
29 Average acres per farm.....	487.5	416.6	531.8	459.8	348.3	326.0	473.8	302.5	
30 Average improved acres per farm.....	427.0	308.1	450.6	443.3	299.9	232.1	400.7	117.3	
VALUE OF FARM PROPERTY									
31 All farm property..... dollars..	20,758,421	30,016,938	20,631,073	28,886,708	32,111,813	26,308,329	26,303,403	16,690,496	
32 <i>All farm property in 1900.....</i>	<i>8,272,374</i>	<i>6,452,257</i>	<i>4,350,575</i>	<i>17,621,257</i>	<i>17,908,587</i>	<i>3,116,351</i>	<i>6,688,540</i>	<i>680,550</i>	<i>1,322,500</i>
33 Per cent increase, 1900-1910.....	150.9	365.2	325.3	63.9	79.3		293.3		
34 Land..... dollars..	16,116,420	22,974,963	15,674,197	22,648,049	24,228,146	19,292,984	20,501,367	12,089,811	
35 <i>Land in 1900.....</i>	<i>6,365,410</i>	<i>4,105,000</i>	<i>3,277,490</i>	<i>13,616,920</i>	<i>13,389,690</i>	<i>1,377,470</i>	<i>4,575,880</i>	<i>171,950</i>	<i>255,070</i>
36 Buildings..... dollars..	2,004,515	2,682,348	1,830,754	3,031,768	3,524,810	2,429,981	2,270,150	1,251,629	
37 <i>Buildings in 1900.....</i>	<i>681,960</i>	<i>743,830</i>	<i>406,180</i>	<i>1,788,540</i>	<i>1,915,680</i>	<i>515,480</i>	<i>591,890</i>	<i>78,480</i>	<i>183,670</i>
38 Implements and machinery..... dollars..	855,495	1,175,677	972,772	1,050,648	1,296,592	1,399,052	1,103,290	998,401	
39 <i>Implements, etc., in 1900.....</i>	<i>405,000</i>	<i>421,110</i>	<i>374,170</i>	<i>785,390</i>	<i>825,330</i>	<i>179,250</i>	<i>478,520</i>	<i>26,850</i>	<i>107,560</i>
40 Domestic animals, poultry, and bees..... dollars..	1,781,991	3,183,950	2,153,350	2,156,243	3,062,265	3,186,312	2,428,596	2,350,655	
41 <i>Domestic animals, etc., in 1900.....</i>	<i>820,004</i>	<i>1,182,017</i>	<i>792,735</i>	<i>1,430,407</i>	<i>1,777,187</i>	<i>1,244,661</i>	<i>1,042,140</i>	<i>403,300</i>	<i>776,210</i>
42 Per cent of value of all property in—									
43 Land.....	77.6	76.5	76.0	78.4	75.5	73.3	77.9	72.4	
44 Buildings.....	9.7	8.9	8.9	10.5	11.0	9.2	8.6	7.5	
45 Implements and machinery.....	4.1	3.9	4.7	3.6	4.0	5.3	4.2	6.0	
46 Domestic animals, poultry, and bees.....	8.6	10.6	10.4	7.5	9.5	12.1	9.2	14.1	
47 Average values:									
48 All property per farm..... dollars..	23,377	13,981	19,762	25,119	14,737	9,359	18,292	6,414	
49 Land and buildings per farm.....	20,406	11,950	16,767	22,330	12,737	7,728	15,836	5,127	
50 Land per acre..... dollars..	37.23	25.69	28.23	42.83	31.92	21.06	30.09	15.36	
51 <i>Land per acre in 1900.....</i>	<i>16.48</i>	<i>7.95</i>	<i>9.40</i>	<i>24.60</i>	<i>17.35</i>	<i>4.16</i>	<i>9.74</i>	<i>5.28</i>	<i>1.71</i>
DOMESTIC ANIMALS (farms and ranges)									
52 Farms reporting domestic animals.....	870	2,091	1,036	1,129	2,153	2,726	1,415	2,500	
53 Value of domestic animals..... dollars..	1,759,199	3,136,622	2,123,019	2,126,559	3,011,968	3,127,220	2,394,258	2,312,795	
54 Cattle:									
55 Total number.....	8,993	22,734	8,362	13,520	18,696	17,862	12,940	13,158	
56 Dairy cows.....	3,725	8,981	3,432	6,218	7,971	8,053	4,061	5,140	
57 Other cows.....	1,031	2,589	1,292	1,095	2,334	1,473	2,104	1,354	
58 Yearling heifers.....	1,151	3,323	1,302	1,710	2,777	2,475	1,928	1,827	
59 Calves.....	1,868	4,550	1,227	2,740	2,976	3,564	2,225	2,387	
60 Yearling steers and bulls.....	752	2,168	821	1,105	1,827	1,237	1,232	997	
61 Other steers and bulls.....	466	1,123	288	652	811	1,060	790	1,453	
62 Value..... dollars..	208,852	510,153	207,567	296,171	422,682	454,578	288,675	405,159	
63 Horses:									
64 Total number.....	10,850	19,864	13,033	12,975	18,303	19,958	15,476	13,739	
65 Mature horses.....	9,633	17,058	11,423	11,733	16,255	17,789	13,413	12,172	
66 Yearling colts.....	857	1,775	1,223	864	1,540	1,702	1,546	1,142	
67 Spring colts.....	360	1,031	387	378	508	467	517	425	
68 Value..... dollars..	1,466,377	2,482,892	1,755,695	1,662,763	2,449,186	2,552,825	2,005,411	1,827,345	
69 Mules:									
70 Total number.....	120	272	401	423	108	345	173	220	
71 Mature mules.....	120	250	367	415	97	312	171	217	
72 Yearling colts.....		17	28	8	5	30	2	3	
73 Spring colts.....		5	6		6	3			
74 Value..... dollars..	19,295	37,465	67,390	65,218	14,706	49,465	25,605	33,280	
75 Asses and burros:									
76 Number.....	3	8	1	3	1	2	5	4	
77 Value..... dollars..	115	550	300	600	10	130	62	473	
78 Swine:									
79 Total number.....	5,801	9,779	8,753	8,003	11,391	6,755	6,879	4,031	
80 Mature hogs.....	3,570	5,677	5,677	4,476	7,514	4,169	4,188	2,175	
81 Spring pigs.....	2,231	4,102	3,176	3,527	3,877	2,586	2,691	1,856	
82 Value..... dollars..	61,862	78,696	85,059	81,225	118,134	65,668	63,085	40,419	
83 Sheep:									
84 Total number.....	632	7,165	1,146	4,750	1,699	1,104	2,200	1,788	
85 Rams, ewes, and wethers.....	389	5,632	852	3,067	1,181	881	1,738	1,031	
86 Spring lambs.....	243	1,633	294	1,683	518	223	462	757	
87 Value..... dollars..	2,463	26,733	6,980	20,569	7,210	4,444	11,394	5,962	
88 Goats:									
89 Number.....	28	23	8	3	4	22	9	20	
90 Value..... dollars..	235	133	28	13	40	110	26	157	
POULTRY AND BEES									
91 Number of poultry of all kinds.....	50,083	101,940	63,705	76,976	116,888	114,139	79,480	71,916	
92 Value..... dollars..	22,792	47,328	30,831	29,664	50,262	59,092	34,338	37,860	
93 Number of colonies of bees.....									
94 Value..... dollars..				20	35				

¹ Change of boundary. (See explanation at close of text.)² Agricultural data for Indians on reservations in 1900 shown separately in last column of table.³ Population of Standing Rock Indian Reservation, not located by counties.

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TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in italics.]

	THE STATE.	Adams.	Barnes.	Benson. ¹	Billings. ²	Bottineau.	Bowman.
FARMS OPERATED BY OWNERS							
1 Number of farms.....	63,212	1,298	1,170	1,242	1,639	1,901	920
2 <i>Number of farms in 1900.....</i>	<i>40,972</i>	<i>(³)</i>	<i>1,530</i>	<i>1,198</i>	<i>140</i>	<i>1,907</i>	<i>(³)</i>
3 Per cent of all farms.....	85.0	96.6	66.8	80.4	96.0	82.5	97.7
4 <i>Per cent of all farms in 1900.....</i>	<i>90.4</i>	<i>(³)</i>	<i>91.9</i>	<i>94.6</i>	<i>85.9</i>	<i>97.0</i>	<i>(³)</i>
5 Land in farms.....acres.....	23,586,728	294,750	609,451	541,764	477,205	796,721	217,295
6 Improved land in farms.....acres.....	16,407,698	158,459	538,002	434,884	206,284	696,954	133,643
7 Value of land and buildings.....dollars.....	658,809,090	6,260,518	22,876,948	15,571,559	8,915,783	24,972,895	4,382,657
Degree of ownership:							
8 Farms consisting of owned land only.....	44,667	1,079	863	811	1,493	1,112	663
9 Farms consisting of owned and hired land.....	18,545	219	307	431	146	789	257
Color and nativity of owners:							
10 Native white.....	29,082	973	475	517	1,096	834	666
11 Foreign-born white.....	33,403	325	695	670	542	1,067	254
12 Negro and other nonwhite.....	727			55	1		
FARMS OPERATED BY TENANTS							
13 Number of farms.....	10,664	44	549	295	64	399	22
14 <i>Number of farms in 1900.....</i>	<i>5,365</i>	<i>(³)</i>	<i>125</i>	<i>60</i>	<i>5</i>	<i>58</i>	<i>(³)</i>
15 Per cent of all farms.....	14.3	3.3	31.4	19.1	3.7	17.3	2.3
16 <i>Per cent of all farms in 1900.....</i>	<i>8.5</i>	<i>(³)</i>	<i>7.5</i>	<i>4.7</i>	<i>1.8</i>	<i>3.0</i>	<i>(³)</i>
17 Land in farms.....acres.....	4,362,709	13,640	270,357	127,763	18,805	165,805	6,096
18 Improved land in farms.....acres.....	3,672,512	4,944	237,176	107,081	10,719	153,332	3,929
19 Value of land and buildings.....dollars.....	146,949,486	218,900	10,227,880	3,569,643	398,370	5,092,715	118,450
Form of tenancy:							
20 Share tenants.....	8,086	10	372	267	16	322	14
21 Share-cash tenants.....	178		1	4	1	6	
22 Cash tenants.....	324	1	7	7	5	5	1
23 Tenure not specified.....	2,076	33	169	17	42	66	7
Color and nativity of tenants:							
24 Native white.....	6,352	32	318	192	54	264	18
25 Foreign-born white.....	4,298	12	231	102	10	135	4
26 Negro and other nonwhite.....	14			1			
FARMS OPERATED BY MANAGERS							
27 Number of farms.....	484	2	32	8	5	4	
28 <i>Number of farms in 1900.....</i>	<i>495</i>	<i>(³)</i>	<i>10</i>	<i>8</i>	<i>20</i>	<i>1</i>	<i>(³)</i>
29 Land in farms.....acres.....	477,213	3,160	27,038	5,480	2,340	2,720	
30 Improved land in farms.....acres.....	374,882	3,070	21,753	3,685	1,059	2,380	
31 Value of land and buildings.....dollars.....	16,898,168	78,200	1,092,500	275,800	53,800	95,000	
MORTGAGE DEBT REPORTS ³							
For all farms operated by owners:							
32 Number free from mortgage debt.....	30,651	919	574	361	1,425	612	763
33 Number with mortgage debt.....	31,727	372	583	859	200	1,283	145
34 Number with no mortgage report.....	834	7	13	22	14	6	12
For farms consisting of owned land only:							
35 Number reporting debt and amount.....	19,187	262	375	508	147	636	85
36 Value of their land and buildings.....dollars.....	213,642,953	1,117,300	6,511,970	6,114,841	1,730,085	7,550,330	543,743
37 Amount of mortgage debt.....dollars.....	47,841,587	193,903	1,347,555	1,524,975	413,822	1,703,082	105,200
38 Per cent of value of land and buildings.....	22.4	17.4	20.7	24.9	23.9	22.6	19.3

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table.² Change of boundary. (See explanation at close of text.)³ No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)**TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.**

LIVE STOCK PRODUCTS							
Dairy Products							
1 Dairy cows on farms reporting dairy products.....number.....	227,345	1,777	6,956	4,760	1,298	5,981	990
2 Dairy cows on farms reporting milk produced.....number.....	181,898	1,708	6,059	4,532	1,152	5,657	990
3 Milk—Produced.....gallons.....	70,637,899	759,572	2,224,172	1,684,373	384,654	2,638,041	311,930
4 Sold.....gallons.....	1,644,150	29,699	47,272	23,297	3,860	33,734	1,150
5 Cream sold.....gallons.....	834,103	931	19,096	3,718	88	880	384
6 Butter fat sold.....pounds.....	2,185,377		42,904	6,907	2,060	3,380	2,640
7 Butter—Produced.....pounds.....	16,414,439	135,611	561,213	400,506	96,711	643,771	62,611
8 Sold.....pounds.....	7,019,189	43,596	230,845	164,586	27,121	270,381	21,322
9 Cheese—Produced.....pounds.....	22,754		205	285		50	
10 Sold.....pounds.....	9,974		15	30			
11 Value of dairy products, excluding home use of milk and cream.....dollars.....	4,872,304	38,651	155,321	92,807	23,275	148,629	14,489
12 Receipts from sale of dairy products.....dollars.....	2,876,298	18,345	81,702	43,632	7,716	66,876	5,969
Poultry Products							
13 Poultry—Raised.....number.....	3,365,998	31,219	110,732	78,235	24,374	110,961	15,992
14 Sold.....number.....	588,492	4,562	23,199	11,119	2,589	20,006	1,591
15 Eggs—Produced.....dozens.....	15,194,736	96,913	480,343	369,662	108,794	692,829	69,918
16 Sold.....dozens.....	6,464,074	43,995	200,723	154,646	32,032	282,967	20,268
17 Value of poultry and eggs produced.....dollars.....	3,949,915	36,198	124,813	95,477	30,847	177,613	22,047
18 Receipts from sale of poultry and eggs.....dollars.....	1,426,015	11,938	46,123	33,574	7,560	63,709	4,817
Honey and Wax							
19 Honey produced.....pounds.....	11,084					30	
20 Wax produced.....pounds.....	92						
21 Value of honey and wax produced.....dollars.....	1,869					8	
Wool, Mohair, and Goat Hair							
22 Wool, fleeces shorn.....number.....	192,614	6,293	702	691	35,534	322	482
23 Mohair and goat hair, fleeces shorn.....number.....	118		1	2		24	2
24 Value of wool and mohair produced.....dollars.....	280,206	8,777	1,277	1,067	51,358	457	619
DOMESTIC ANIMALS SOLD OR SLAUGHTERED							
25 Calves—Sold or slaughtered.....number.....	36,682	157	1,248	1,008	181	1,067	36
26 Other cattle—Sold or slaughtered.....number.....	190,962	904	5,272	2,902	6,800	3,991	974
27 Horses, mules, and asses and burros—Sold.....number.....	37,697	399	1,070	620	1,524	1,413	344
28 Swine—Sold or slaughtered.....number.....	251,641	743	9,041	4,502	558	6,915	256
29 Sheep and goats—Sold or slaughtered.....number.....	79,943	5,241	1,237	258	7,249	47	580
30 Receipts from sale of animals.....dollars.....	11,409,158	93,331	335,267	165,160	471,224	314,580	67,716
31 Value of animals slaughtered.....dollars.....	3,047,690	17,927	98,833	60,580	11,357	97,950	4,135

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND

[Comparative data for June 1, 1900, in italics.]

	Burke.	Burleigh.	Cass.	Cavaller.	Dickey.	Divide.	Dunn. ¹	Eddy.	Emmons.
FARMS OPERATED BY OWNERS									
1 Number of farms.....	1,387	1,291	1,376	1,558	792	936	1,443	510	1,366
2 <i>Number of farms in 1900.....</i>	<i>(2)</i>	<i>507</i>	<i>1,880</i>	<i>2,115</i>	<i>736</i>	<i>(2)</i>	<i>(2)</i>	<i>525</i>	<i>769</i>
3 Per cent of all farms.....	88.5	91.2	67.3	80.1	72.7	97.4	98.8	78.9	91.7
4 <i>Per cent of all farms in 1900.....</i>	<i>(2)</i>	<i>89.7</i>	<i>81.7</i>	<i>84.8</i>	<i>78.9</i>	<i>(2)</i>	<i>(2)</i>	<i>91.0</i>	<i>93.8</i>
5 Land in farms.....acres	509,313	420,585	665,610	658,134	438,338	249,983	418,607	258,697	580,910
6 Improved land in farms.....acres	343,236	220,009	626,541	565,074	295,728	147,370	134,328	191,974	350,008
7 Value of land and buildings.....dollars	9,892,420	9,369,887	30,980,838	21,487,420	15,729,261	4,209,240	7,549,560	7,163,885	13,542,110
Degree of ownership:									
8 Farms consisting of owned land only.....	586	985	961	1,072	445	751	1,302	280	916
9 Farms consisting of owned and hired land.....	801	306	415	486	347	185	141	230	450
Color and nativity of owners:									
10 Native white.....	786	663	464	409	362	578	706	238	607
11 Foreign-born white.....	601	628	910	1,137	430	353	697	272	759
12 Negro and other nonwhite.....			2	12			40		
FARMS OPERATED BY TENANTS									
13 Number of farms.....	176	123	626	371	290	25	18	129	116
14 <i>Number of farms in 1900.....</i>	<i>(2)</i>	<i>52</i>	<i>368</i>	<i>106</i>	<i>192</i>	<i>(2)</i>	<i>(2)</i>	<i>40</i>	<i>42</i>
15 Per cent of all farms.....	11.2	8.7	30.6	19.1	26.6	2.6	1.2	20.0	7.8
16 <i>Per cent of all farms in 1900.....</i>	<i>(2)</i>	<i>9.2</i>	<i>15.9</i>	<i>4.8</i>	<i>30.6</i>	<i>(2)</i>	<i>(2)</i>	<i>6.9</i>	<i>5.1</i>
17 Land in farms.....acres	52,168	49,340	307,661	154,606	147,532	7,230	4,420	66,205	45,468
18 Improved land in farms.....acres	44,404	27,650	296,272	140,799	111,093	5,510	2,249	49,714	33,488
19 Value of land and buildings.....dollars	1,264,480	1,163,985	14,181,455	4,928,740	5,567,325	134,900	97,670	1,780,435	1,081,300
Form of tenancy:									
20 Share tenants.....	155	42	443	262	214	4	7	101	83
21 Share-cash tenants.....	6	3	7	20	20		2	1	
22 Cash tenants.....	6	3	16	12	10		3		8
23 Tenure not specified.....	9	75	160	97	46	21	6	27	25
Color and nativity of tenants:									
24 Native white.....	122	76	338	156	191	13	11	84	53
25 Foreign-born white.....	54	47	288	215	99	12	7	45	63
26 Negro and other nonwhite.....									
FARMS OPERATED BY MANAGERS									
27 Number of farms.....	5	2	44	15	7			7	8
28 <i>Number of farms in 1900.....</i>	<i>(2)</i>	<i>6</i>	<i>57</i>	<i>9</i>	<i>5</i>	<i>(2)</i>	<i>(2)</i>	<i>12</i>	<i>9</i>
29 Land in farms.....acres	2,935	25,784	40,376	12,120	8,760			4,860	16,240
30 Improved land in farms.....acres	2,615	3,374	38,502	10,940	6,810			4,195	6,420
31 Value of land and buildings.....dollars	61,600	149,152	2,104,300	382,400	419,400			151,200	287,200
MORTGAGE DEBT REPORTS²									
For all farms operated by owners:									
32 Number free from mortgage debt.....	460	675	591	452	340	510	1,278	171	702
33 Number with mortgage debt.....	917	607	745	1,084	435	410	149	318	657
34 Number with no mortgage report.....	10	9	40	22	17	16	16	21	7
For farms consisting of owned land only:									
35 Number reporting debt and amount.....	356	438	454	690	197	280	121	147	414
36 Value of their land and buildings.....dollars	2,069,480	2,673,895	9,719,293	9,041,000	3,393,429	1,321,080	1,494,301	2,256,280	4,617,425
37 Amount of mortgage debt.....dollars	518,620	554,448	2,157,174	1,900,900	775,378	308,811	204,128	534,203	916,965
38 Per cent of value of land and buildings.....	25.1	20.7	22.2	21.0	22.8	23.4	13.7	23.7	19.9

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table.² Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD

LIVE STOCK PRODUCTS									
Dairy Products									
1 Dairy cows on farms reporting dairy products.....	3,607	4,819	10,194	6,326	3,024	940	1,739	2,067	6,062
2 Dairy cows on farms reporting milk produced.....	3,427	2,460	6,835	5,522	2,642	591	1,593	1,562	5,058
3 Milk—Produced.....gallons	1,385,901	1,219,183	2,642,254	2,468,964	911,321	272,770	531,885	476,617	1,790,103
4 Sold.....gallons	34,179	39,084	169,018	15,718	23,590	8,073	2,060	4,644	200
5 Cream sold.....gallons	1,728	12,412	51,936	7,142	17,318	600	1,558	2,614	42,205
6 Butter fat sold.....pounds	16,426	85,767	66,436	30,384	44,517	200	850	2,250	286,011
7 Butter—Produced.....pounds	351,517	248,944	787,660	606,371	201,072	101,262	128,424	155,886	211,305
8 Sold.....pounds	144,635	109,056	348,739	267,826	86,685	23,026	31,443	70,739	85,266
9 Cheese—Produced.....pounds	489	150	1,160	410	550	607	265	335	
10 Sold.....pounds	20	8	700	95	300	26			
11 Value of dairy products, excluding home use of milk and cream.....dollars	83,771	96,798	257,175	143,975	69,481	25,398	26,370	37,860	131,594
12 Receipts from sale of dairy products.....dollars	42,235	65,335	161,280	72,888	44,788	7,509	7,294	21,278	106,858
Poultry Products									
13 Poultry—Raised.....number	65,921	50,704	139,148	102,630	50,718	12,160	34,117	26,607	80,903
14 Sold.....number	10,866	10,831	34,831	18,904	12,486	2,093	7,418	5,076	13,675
15 Eggs—Produced.....dozens	287,154	188,088	589,206	447,726	179,317	36,806	191,434	128,853	273,621
16 Sold.....dozens	121,993	71,845	265,410	186,569	88,214	10,090	119,126	55,069	115,468
17 Value of poultry and eggs produced.....dollars	17,240	59,040	173,812	110,921	50,632	11,998	38,612	34,051	64,158
18 Receipts from sale of poultry and eggs.....dollars	25,691	18,999	70,769	39,504	20,759	2,947	20,768	12,727	21,145
Honey and Wax									
19 Honey produced.....pounds		200	3,000	5	46				
20 Wax produced.....pounds			50						
21 Value of honey and wax produced.....dollars		40	525	1	8				
Wool, Mohair, and Goat Hair									
22 Wool, fleeces shorn.....number	34	3,719	4,097	1,011	650	8	26,586	514	4,157
23 Mohair and goat hair, fleeces shorn.....number				2	1		3		2
24 Value of wool and mohair produced.....dollars	43	4,465	7,753	1,696	1,164	5	35,973	1,048	4,919
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25 Calves—Sold or slaughtered.....number	948	205	1,751	867	590	76	479	313	485
26 Other cattle—Sold or slaughtered.....number	1,976	5,637	5,643	3,491	5,171	648	5,284	2,072	9,666
27 Horses, mules, and asses and burros—Sold.....number	641	547	939	1,008	477	329	1,268	266	1,064
28 Swine—Sold or slaughtered.....number	4,302	2,356	15,859	7,583	6,540	687	2,600	2,898	7,664
29 Sheep and goats—Sold or slaughtered.....number	40	3,807	1,471	427	450	32	12,839	63	1,239
30 Receipts from sale of animals.....dollars	139,722	248,211	470,785	218,756	264,248	68,306	373,871	110,242	427,378
31 Value of animals slaughtered.....dollars	59,425	44,564	139,371	123,893	51,121	10,470	49,215	30,712	68,397

STATISTICS OF AGRICULTURE.

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NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Foster.	Grand Forks.	Griggs.	Hettinger.	Kidder.	Lamoure.	Logan.	McHenry.	McIntosh.	McKenzie. ¹	McLean. ^{1 2}	Mercer. ^{1 2}	Morton. ¹
1	389	1,388	565	1,281	1,169	1,007	964	2,045	877	1,378	2,222	836	3,873
2	520	1,959	708	(²)	214	861	246	1,067	717	(²)	741	290	981
3	61.6	73.1	69.9	96.6	94.2	77.3	94.8	87.8	94.0	98.0	93.4	97.2	97.2
4	92.2	82.7	92.3	(²)	81.1	95.0	97.2	96.6	96.4	(²)	97.1	98.3	94.3
5	218,278	617,744	289,903	340,135	306,242	501,459	384,589	773,136	443,544	272,949	788,311	279,833	1,275,707
6	190,407	544,250	227,370	165,302	183,650	449,998	156,590	633,304	207,374	93,196	546,838	167,454	552,528
7	7,199,058	24,955,376	10,010,220	7,929,883	6,163,762	18,476,491	7,671,985	20,578,862	9,192,075	4,094,860	15,749,019	5,796,258	23,920,315
8	266	1,004	397	1,081	913	674	696	1,343	688	1,240	1,248	699	3,526
9	123	384	168	200	256	333	268	702	189	138	974	137	347
10	199	596	193	755	687	454	278	939	139	930	974	291	1,659
11	190	790	372	526	481	553	686	1,104	738	446	1,135	532	2,085
12	-----	2	-----	-----	1	-----	-----	2	-----	2	113	13	129
13	228	478	239	41	70	289	53	278	56	27	151	24	106
14	35	586	54	(²)	43	40	2	31	25	(²)	13	4	49
15	36.1	25.2	29.6	3.1	5.6	22.2	5.2	11.9	6.0	1.9	6.3	2.8	2.7
16	6.2	16.3	7.0	(²)	16.3	4.4	0.8	3.8	5.4	(²)	1.7	1.4	4.7
17	102,679	187,784	114,565	12,317	28,311	119,866	19,283	92,986	24,040	4,588	46,719	6,942	45,143
18	95,090	168,477	93,211	5,898	16,674	108,232	9,885	76,871	13,577	1,809	32,173	4,640	16,198
19	3,263,295	7,412,240	3,984,825	303,500	591,660	4,607,405	419,060	2,528,810	581,700	70,470	941,785	168,160	854,265
20	193	372	212	11	41	172	30	182	29	9	105	17	55
21	-----	6	-----	1	3	37	-----	8	1	1	4	-----	3
22	17	31	1	1	3	6	5	4	1	7	4	5	21
23	18	69	26	28	23	74	18	84	25	10	38	2	27
24	174	272	128	24	45	209	15	157	16	20	99	10	57
25	54	206	111	17	25	80	38	121	40	7	51	13	47
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	1	2
27	14	34	4	4	2	6	-----	6	-----	1	6	-----	5
28	9	25	5	(²)	7	5	5	6	2	-----	9	1	10
29	13,580	18,372	1,676	5,440	6,600	3,020	-----	10,811	-----	320	2,220	-----	5,600
30	12,218	15,468	1,265	1,561	4,100	2,201	-----	5,677	-----	290	1,595	-----	1,237
31	497,340	899,162	56,970	120,000	140,000	117,000	-----	239,740	-----	6,000	48,700	-----	66,174
32	88	519	176	846	890	308	578	704	507	1,126	887	593	2,757
33	301	852	378	427	278	642	386	1,321	360	250	1,328	211	1,096
34	-----	17	11	8	1	57	-----	20	10	2	7	32	20
35	190	571	244	317	192	379	275	796	294	209	609	158	966
36	3,152,563	9,543,695	3,868,130	2,592,590	1,172,480	5,918,835	2,800,495	7,917,015	3,668,510	699,100	3,704,996	1,595,185	7,513,562
37	792,770	2,156,940	881,938	491,493	257,506	1,411,816	618,832	1,788,785	604,275	149,081	865,363	270,853	1,466,672
38	25.1	22.6	22.8	19.0	22.0	23.9	22.1	22.6	16.5	21.3	23.4	17.0	19.5

* No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	1,806	8,281	2,777	1,993	4,651	4,495	4,917	6,130	6,408	1,347	5,420	2,249	11,062
2	1,427	5,942	2,754	1,132	3,908	4,195	2,547	5,467	2,933	1,277	4,550	2,192	8,242
3	572,663	2,454,649	1,231,644	354,611	1,065,530	1,391,415	1,154,360	1,405,076	1,167,591	514,641	1,660,531	1,051,399	3,154,077
4	135,119	463,173	6,012	10	22,346	24,961	-----	54,561	3,085	15,345	20,021	1,520	148,474
5	1,927	37,660	2,459	960	39,504	27,640	92,544	2,305	140,070	190	3,533	-----	38,111
6	4,606	42,323	-----	-----	143,577	24,765	105,888	9,307	47,265	-----	20,803	-----	240,233
7	143,672	622,624	288,008	145,944	199,904	300,926	131,666	452,277	137,457	113,853	412,314	329,829	623,251
8	58,718	264,852	106,062	62,709	71,490	119,067	33,803	187,523	70,817	27,829	188,819	214,968	316,858
9	25	240	-----	3,804	-----	190	1,720	125	1,680	-----	544	-----	850
10	-----	-----	-----	-----	-----	-----	1,600	-----	1,180	-----	-----	-----	200
11	37,442	205,297	68,740	28,836	99,629	92,702	102,831	108,370	117,607	29,638	93,299	49,183	231,727
12	18,873	128,383	27,643	12,511	73,251	53,848	82,045	51,735	106,277	10,814	48,481	32,100	174,027
13	41,600	114,708	34,140	30,835	34,865	70,419	42,182	114,827	22,726	32,646	95,437	36,612	152,429
14	8,359	30,277	5,258	2,587	3,142	11,314	4,363	14,686	4,030	5,309	10,442	1,988	20,025
15	156,767	463,173	157,236	160,059	144,385	253,521	188,487	475,668	225,722	112,816	371,480	157,824	681,818
16	58,720	191,899	65,527	54,149	46,562	110,516	95,008	178,306	122,501	25,491	152,097	78,350	271,855
17	44,154	126,142	40,938	38,831	40,305	68,868	48,126	127,706	43,458	35,013	93,658	32,535	158,530
18	14,389	49,713	14,330	10,913	9,877	24,640	17,370	38,496	21,155	8,031	29,916	11,383	53,193
19	-----	350	-----	-----	-----	50	-----	-----	-----	-----	-----	15	-----
20	-----	59	-----	-----	-----	8	-----	-----	-----	-----	-----	2	-----
21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
22	1,757	1,899	1,629	15,262	5,106	208	1,055	612	3,017	11,962	197	1,007	24,446
23	-----	3	-----	-----	9	-----	-----	-----	3	-----	-----	-----	7
24	3,023	3,318	2,336	19,897	7,645	396	1,792	957	5,037	14,659	372	1,593	32,220
25	261	1,802	516	294	263	624	375	1,378	80	245	892	194	1,807
26	1,362	5,258	1,591	1,721	4,145	4,545	5,400	7,807	3,100	4,577	3,672	2,294	13,014
27	440	923	635	725	736	1,042	467	882	357	1,130	1,324	400	1,992
28	3,097	9,153	3,150	2,688	1,469	5,121	2,477	6,429	2,717	1,692	4,205	1,981	11,720
29	683	1,082	582	3,529	4,042	457	792	197	1,113	3,979	115	1,023	10,710
30	122,034	319,113	155,313	148,551	214,910	357,993	210,421	378,539	119,063	336,833	245,672	102,751	675,563
31	29,069	102,187	37,613	52,631	27,082	56,207	34,337	81,494	33,766	26,751	70,900	30,586	154,403

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND

[Comparative data for June 1, 1900, in italics.]

	Mountrail. ¹	Nelson.	Oliver.	Pembina.	Pierce.	Ramsey.	Ransom.	Renville.	Richland.
FARMS OPERATED BY OWNERS									
1 Number of farms.....	1,589	877	819	1,182	1,097	930	890	1,160	1,522
2 Number of farms in 1900.....	(²)	<i>1,191</i>	<i>185</i>	<i>1,683</i>	<i>1,010</i>	<i>1,428</i>	<i>800</i>	(²)	<i>1,953</i>
3 Per cent of all farms.....	86.8	74.3	97.5	77.9	86.0	70.7	75.4	86.1	72.4
4 Per cent of all farms in 1900.....	(²)	<i>93.0</i>	<i>93.9</i>	<i>79.9</i>	<i>97.2</i>	<i>92.1</i>	<i>86.2</i>	(²)	<i>86.6</i>
5 Land in farms.....acres.....	456,324	412,995	276,513	471,900	486,848	468,569	354,137	434,714	536,236
6 Improved land in farms.....acres.....	205,507	341,860	89,486	404,665	387,572	404,383	300,543	373,024	465,989
7 Value of land and buildings.....dollars.....	7,059,030	13,761,810	4,968,116	16,430,183	14,135,934	15,170,819	13,563,678	10,374,120	21,706,348
Degree of ownership:									
8 Farms consisting of owned land only.....	961	595	668	873	617	607	513	587	1,034
9 Farms consisting of owned and hired land.....	628	282	151	309	480	323	377	573	488
Color and nativity of owners:									
10 Native white.....	1,025	278	420	179	365	360	408	693	538
11 Foreign-born white.....	546	599	399	1,001	731	570	482	407	983
12 Negro and other nonwhite.....	18			2	1				1
FARMS OPERATED BY TENANTS									
13 Number of farms.....	233	281	19	314	174	361	288	187	555
14 Number of farms in 1900.....	(²)	<i>77</i>	<i>7</i>	<i>400</i>	<i>22</i>	<i>100</i>	<i>109</i>	(²)	<i>280</i>
15 Per cent of all farms.....	12.7	23.8	2.3	20.7	13.6	27.5	24.4	13.9	26.4
16 Per cent of all farms in 1900.....	(²)	<i>6.3</i>	<i>3.6</i>	<i>19.0</i>	<i>2.1</i>	<i>6.4</i>	<i>11.7</i>	(²)	<i>12.4</i>
17 Land in farms.....acres.....	48,524	135,373	5,318	116,969	63,402	182,974	99,716	63,247	189,336
18 Improved land in farms.....acres.....	22,074	114,023	1,805	106,156	53,842	157,570	86,972	56,499	173,251
19 Value of land and buildings.....dollars.....	862,980	4,210,360	110,210	3,915,850	1,860,234	5,651,715	3,912,835	1,491,375	7,734,446
Form of tenancy:									
20 Share tenants.....	206	236	7	244	140	245	265	144	438
21 Share-cash tenants.....	1		2	4			3	7	19
22 Cash tenants.....	3	1	5	9	2	2	15	2	12
23 Tenure not specified.....	23	44	5	57	32	114	5	34	86
Color and nativity of tenants:									
24 Native white.....	148	160	16	108	98	217	205	146	327
25 Foreign-born white.....	85	121	3	205	75	144	83	41	228
26 Negro and other nonwhite.....				1	1				
FARMS OPERATED BY MANAGERS									
27 Number of farms.....	8	22	2	21	4	24	3	1	24
28 Number of farms in 1900.....	(²)	<i>8</i>	<i>5</i>	<i>23</i>	<i>7</i>	<i>23</i>	<i>19</i>	(²)	<i>23</i>
29 Land in farms.....acres.....	2,160	25,756	960	11,934	4,560	15,872	2,400	320	28,401
30 Improved land in farms.....acres.....	1,405	21,581	87	11,139	4,220	13,812	2,340	210	29,584
31 Value of land and buildings.....dollars.....	35,850	801,260	10,000	408,700	117,160	516,720	104,600	7,000	1,021,230
MORTGAGE DEBT REPORTS²									
For all farms operated by owners:									
32 Number free from mortgage debt.....	702	300	622	364	277	252	348	332	595
33 Number with mortgage debt.....	814	565	196	812	817	666	533	815	914
34 Number with no mortgage report.....	13	12	1	6	3	12	9	13	13
For farms consisting of owned land only:									
35 Number reporting debt and amount.....	433	343	147	545	429	399	253	371	550
36 Value of their land and buildings.....dollars.....	1,622,300	5,082,530	1,021,410	7,088,987	5,532,415	5,750,834	3,440,710	2,663,455	7,104,409
37 Amount of mortgage debt.....dollars.....	432,604	1,064,367	191,025	1,712,540	1,263,093	1,381,886	796,531	685,590	1,588,870
38 Per cent of value of land and buildings.....	26.7	20.9	18.7	24.2	22.8	24.0	23.2	25.7	22.4

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table.² Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD

LIVE STOCK PRODUCTS									
Dairy Products									
1 Dairy cows on farms reporting dairy products.....	3,649	4,449	2,620	6,310	3,990	5,126	5,213	2,976	10,366
2 Dairy cows on farms reporting milk produced.....	3,032	4,303	1,532	4,286	3,109	4,611	4,916	2,716	7,496
3 Milk—Produced.....gallons.....	1,221,730	1,853,748	553,487	1,767,511	988,399	1,721,904	1,912,212	1,052,651	3,522,987
4 Sold.....gallons.....	10,856	19,460	111,907	18,067	16,065	67,552	22,610	6,834	25,214
5 Cream sold.....gallons.....	5,168	2,423	17,114	14,703	2,321	7,096	13,937	496	47,656
6 Butter fat sold.....pounds.....	12,790	1,000	38,247	167,483		5,762	90,487	1,713	181,627
7 Butter—Produced.....pounds.....	305,891	466,244	120,267	483,192	323,968	467,217	381,247	265,170	587,534
8 Sold.....pounds.....	129,118	209,620	63,852	171,497	129,784	215,821	148,942	105,033	228,595
9 Cheese—Produced.....pounds.....	180	225	230	50	25			45	60
10 Sold.....pounds.....		50							15
11 Value of dairy products, excluding home use of milk and cream.....dollars.....	72,481	104,425	53,678	162,453	70,929	125,633	126,930	61,465	206,294
12 Receipts from sale of dairy products.....dollars.....	35,461	51,435	42,563	91,699	31,320	68,400	72,523	25,997	132,101
Poultry Products									
13 Poultry—Raised.....number.....	44,796	55,383	25,542	101,507	64,910	75,688	64,383	54,236	136,247
14 Sold.....number.....	8,039	11,610	3,045	20,526	7,996	14,386	14,149	10,650	35,416
15 Eggs—Produced.....dozens.....	243,284	315,970	111,697	413,358	269,522	428,744	254,170	418,780	710,897
16 Sold.....dozens.....	86,206	124,270	56,126	150,237	88,838	186,917	117,795	163,398	351,231
17 Value of poultry and eggs produced.....dollars.....	64,294	77,181	26,426	121,783	69,664	113,139	70,011	89,178	167,755
18 Receipts from sale of poultry and eggs.....dollars.....	19,352	27,665	10,237	41,923	18,929	43,568	28,134	33,150	77,430
Honey and Wax									
19 Honey produced.....pounds.....			325	4,935					1,560
20 Wax produced.....pounds.....				30					10
21 Value of honey and wax produced.....dollars.....			81	820					202
Wool, Mohair, and Goat Hair									
22 Wool, fleeces shorn.....number.....	361	880	771	5,573	104	1,467	551	60	1,996
23 Mohair and goat hair, fleeces shorn.....number.....	1			15	3		2		17
24 Value of wool and mohair produced.....dollars.....	594	1,275	1,067	10,285	123	2,535	811	125	3,137
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25 Calves—Sold or slaughtered.....number.....	546	771	390	770	765	1,032	721	635	2,402
26 Other cattle—Sold or slaughtered.....number.....	2,038	3,244	3,084	3,619	2,045	2,672	4,864	1,272	7,493
27 Horses, mules, and asses and burros—Sold.....number.....	598	1,161	541	668	446	712	432	356	968
28 Swine—Sold or slaughtered.....number.....	2,032	4,682	2,860	7,903	4,903	5,273	6,192	2,794	16,311
29 Sheep and goats—Sold or slaughtered.....number.....	45	289	458	2,852	19	307	68	39	898
30 Receipts from sale of animals.....dollars.....	116,191	228,940	144,800	220,761	113,977	178,774	228,057	82,131	427,539
31 Value of animals slaughtered.....dollars.....	39,237	59,542	44,838	98,934	65,371	81,219	53,315	34,876	135,810

STATISTICS OF AGRICULTURE.

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ACTIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Rolette. ¹	Sargent.	Sheridan.	Stark. ²	Steele.	Stutsman.	Towner.	Traill.	Walsh.	Ward. ^{1 2}	Wells.	Williams. ²	Indian res- ervations.
1	1,149	886	1,091	1,410	575	1,775	724	825	1,738	2,500	1,152	2,498	.....
2	<i>949</i>	<i>811</i>	(²)	<i>794</i>	<i>715</i>	<i>1,078</i>	<i>1,119</i>	<i>1,079</i>	<i>2,192</i>	<i>1,648</i>	<i>1,376</i>	<i>115</i>	<i>1,289</i>
3	86.5	74.4	90.4	96.8	64.8	82.7	69.3	71.7	79.8	88.9	80.1	96.0	.....
4	<i>94.6</i>	<i>87.8</i>	(²)	<i>93.9</i>	<i>82.1</i>	<i>92.5</i>	<i>92.7</i>	<i>83.3</i>	<i>83.2</i>	<i>98.7</i>	<i>95.3</i>	<i>94.5</i>	<i>99.7</i>
5	372,684	370,113	375,210	514,788	270,750	712,415	374,186	330,845	599,888	818,153	557,637	753,630	.....
6	258,048	290,724	271,725	228,099	241,584	511,873	311,895	316,859	574,308	468,009	468,009	288,354	.....
7	9,554,195	14,239,302	9,808,015	11,187,061	11,808,740	20,174,045	11,680,386	16,121,032	21,895,606	19,125,445	18,073,790	12,722,290	.....
8	875	508	625	1,311	384	1,419	417	621	1,404	1,521	685	1,348	.....
9	274	378	466	99	191	356	307	204	334	979	467	1,150	.....
10	369	423	285	405	222	905	391	266	536	1,452	466	1,628	.....
11	467	458	806	1,004	353	870	333	559	1,202	1,047	686	857	.....
12	313	5	.....	1	.....	.....	.....	.....	.....	1	.....	13	.....
13	173	297	112	42	307	356	288	301	416	296	280	97	.....
14	<i>37</i>	<i>109</i>	(²)	<i>6</i>	<i>139</i>	<i>74</i>	<i>78</i>	<i>197</i>	<i>422</i>	<i>17</i>	<i>66</i>	<i>3</i>	<i>3</i>
15	13.0	24.9	9.3	2.9	34.6	16.6	27.6	26.2	19.1	10.5	19.5	3.7	.....
16	<i>3.7</i>	<i>11.0</i>	(²)	<i>0.7</i>	<i>16.0</i>	<i>6.4</i>	<i>6.5</i>	<i>15.2</i>	<i>10.0</i>	<i>1.0</i>	<i>4.6</i>	<i>2.5</i>	<i>0.2</i>
17	65,193	108,534	42,408	21,563	146,624	154,899	157,221	136,820	144,064	88,318	119,654	30,233	.....
18	52,308	87,462	34,518	8,280	131,266	128,459	137,161	132,512	128,219	69,661	105,081	15,348	.....
19	1,662,360	4,109,066	1,108,710	494,004	6,052,595	4,557,866	5,075,965	6,560,505	5,221,090	2,311,670	3,954,147	538,400	.....
20	134	244	105	33	267	296	214	279	285	242	242	80	.....
21	5	5	4	2	2	3	.....	2	2	4	3	2	.....
22	15	16	1	4	1	9	4	10	5	12	2	1	.....
23	21	32	2	5	37	48	70	10	124	38	33	14	.....
24	97	204	41	25	179	265	209	170	178	217	130	64	.....
25	72	93	71	17	128	91	79	131	238	77	150	32	.....
26	4	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....
27	7	8	4	4	6	16	32	24	25	15	6	7	.....
28	<i>17</i>	<i>11</i>	(²)	<i>46</i>	<i>17</i>	<i>18</i>	<i>10</i>	<i>20</i>	<i>22</i>	<i>5</i>	<i>2</i>	<i>4</i>	<i>1</i>
29	3,600	6,262	800	4,160	6,540	27,160	23,800	61,064	15,022	9,810	4,060	3,120	.....
30	3,217	2,952	516	4,150	6,350	21,092	21,347	60,429	12,892	3,350	3,195	1,590	.....
31	97,000	250,590	11,000	96,500	259,000	925,400	748,000	2,998,280	636,260	285,850	143,580	80,750	.....
32	525	264	395	953	185	833	144	348	690	983	288	1,379	.....
33	536	590	673	452	380	909	557	473	1,008	1,469	845	1,109	.....
34	88	32	23	5	10	33	23	4	40	48	19	10	.....
35	312	306	359	391	213	659	281	318	766	791	459	552	.....
36	3,067,380	4,874,823	3,372,705	4,171,895	3,691,250	7,287,938	3,935,647	5,675,250	9,528,341	4,961,080	7,259,355	2,208,720	.....
37	807,440	889,900	712,517	739,997	890,245	1,686,706	1,176,126	1,391,044	2,234,457	1,256,576	1,550,202	484,378	.....
38	26.3	18.3	21.1	17.5	24.1	23.1	29.9	24.5	23.5	25.3	21.4	21.9	.....

² No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	3,533	6,078	3,622	3,964	3,292	7,405	3,111	5,763	7,375	6,871	4,355	4,301	.....
2	3,472	3,571	3,615	3,050	2,927	4,362	3,077	3,759	7,130	6,369	4,318	3,794	.....
3	1,381,223	1,140,478	1,085,485	1,141,337	1,080,684	1,475,192	1,038,140	1,521,517	2,542,531	2,374,800	1,648,977	1,766,079	.....
4	9,959	8,387	1,650	42,718	8,715	62,885	13,065	18,770	29,993	187,148	23,412	58,998	.....
5	1,127	38,955	4,095	24,620	844	48,196	1,139	23,717	9,636	14,251	2,590	4,497	.....
6	620	188,305	6,140	30,570	31,739	53,763	2,970	70,965	25,457	29,723	4,992	11,545	.....
7	302,503	238,493	254,629	231,405	292,806	422,811	290,378	442,043	624,025	571,707	405,420	342,840	.....
8	146,100	115,441	140,040	110,312	115,175	213,174	125,733	166,477	235,249	275,357	178,221	139,247	.....
9	6,270	.....	.....	305	.....	.....	30	.....	160	200	25	1,205	.....
10	5,735	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	69,147	125,976	56,795	79,973	72,877	145,348	66,832	130,679	153,449	170,342	93,319	103,289	.....
12	35,205	99,544	33,257	56,086	35,053	99,225	31,697	73,007	70,513	116,474	46,147	54,298	.....
13	51,491	69,951	65,935	78,129	41,223	104,686	65,618	68,440	144,136	127,793	84,017	84,040	.....
14	10,485	15,833	3,450	8,735	6,646	16,726	9,293	16,554	22,736	24,970	11,223	14,998	.....
15	205,254	359,044	309,175	313,331	191,159	444,194	249,503	378,385	486,020	563,233	417,425	421,371	.....
16	72,055	180,433	162,659	134,553	74,977	202,576	99,454	176,593	190,120	271,853	179,806	174,475	.....
17	60,883	86,481	69,848	76,695	51,808	123,647	69,638	89,283	138,500	159,803	90,544	127,331	.....
18	18,656	37,661	26,424	27,179	17,372	43,812	22,145	38,288	44,540	64,299	36,008	44,807	.....
19	65	248	40	.....	.....	.....	.....	40	175	.....	.....	.....	.....
20	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	20	50	10	.....	.....	.....	.....	4	31	.....	.....	.....	.....
22	243	1,220	101	14,971	304	4,252	737	1,912	649	852	1,040	1,613	.....
23	6	.....	.....	.....	.....	.....	2	4	.....	8	.....	.....	.....
24	368	1,900	182	25,349	518	6,502	1,648	3,800	1,149	1,282	1,748	1,952	.....
25	347	660	780	897	448	939	507	1,405	1,080	1,897	945	603	.....
26	2,488	7,092	1,933	4,604	2,390	3,996	1,591	3,151	4,199	3,538	4,086	2,646	.....
27	428	706	705	962	526	941	532	422	750	1,027	716	1,088	.....
28	2,999	10,667	3,375	5,762	4,875	5,610	5,373	6,430	7,960	6,457	6,412	4,278	.....
29	119	762	100	5,030	128	563	132	1,698	488	575	1,243	846	.....
30	115,928	347,462	139,745	296,401	148,975	249,973	136,441	179,703	230,938	235,581	234,063	197,825	.....
31	53,762	54,578	46,901	72,180	50,045	66,207	64,224	70,077	115,598	94,566	73,756	67,608	.....

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND ACREAGE

		THE STATE.	Adams.	Barnes.	Benson.	Billings.	Bottineau.	Bowman.	
VALUE OF ALL CROPS									
1	Total.....	dollars..	180,635,520	939,492	6,906,664	4,468,706	2,044,962	7,398,656	547,582
2	Cereals.....	dollars..	149,133,451	545,454	5,827,647	3,913,549	1,186,286	6,544,012	330,824
3	Other grains and seeds.....	dollars..	15,009,996	214,045	547,249	242,335	707,241	391,558	130,053
4	Hay and forage.....	dollars..	12,368,014	131,226	445,252	257,545	108,975	363,911	61,587
5	Vegetables.....	dollars..	3,148,304	48,558	73,532	51,327	39,855	85,891	24,398
6	Fruits and nuts.....	dollars..	49,343	162	1,453	1,135	1,859	1,859	24,398
7	All other crops.....	dollars..	326,412	47	11,531	2,825	2,605	11,425	720
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....	acres....	11,887,141	40,530	492,625	334,701	78,910	506,419	23,562
10	Corn.....	bushels..	217,246,973	1,005,429	8,509,001	5,499,129	2,313,497	9,125,163	717,113
11	Oats.....	acres....	185,122	4,180	5,456	480	1,154	365	1,026
12	Wheat.....	bushels..	4,941,152	91,428	142,228	11,718	34,796	8,023	23,067
13	Emmer and spelt.....	acres....	2,147,032	13,686	81,445	51,927	35,751	94,880	11,574
14	Barley.....	bushels..	65,886,702	472,445	2,359,385	1,513,904	1,405,024	3,006,315	452,080
15	Buckwheat.....	acres....	8,188,782	19,376	349,505	242,449	37,725	374,399	8,853
16	Rye.....	bushels..	116,781,886	358,068	4,880,288	3,146,229	738,878	5,271,527	186,428
17	Kafir corn and milo maize.....	acres....	101,144	1,180	1,316	430	1,437	792	312
18	Dry peas.....	bushels..	2,504,732	32,592	32,249	11,522	52,474	22,416	10,631
19	Dry edible beans.....	acres....	1,215,811	2,024	54,040	38,626	2,797	35,202	1,797
20	Flaxseed.....	bushels..	26,365,758	49,272	1,082,070	805,929	81,589	804,262	44,907
21	Other grains and seeds:								
22	Dry peas.....	acres....	1,039	20	55	.....	3	15	.....
23	Dry edible beans.....	bushels..	17,066	371	1,395	.....	23	350	.....
24	Flaxseed.....	acres....	48,188	61	808	789	43	766	.....
25	Kafir corn and milo maize.....	bushels..	689,233	928	11,386	9,827	713	12,270	.....
26	Other grains and seeds:	acres....	23	3	.....	.....	.....	.....	.....
27	Dry peas.....	bushels..	444	25	.....	.....	.....	.....	.....
28	Dry edible beans.....	acres....	.....	.....	.....	.....	.....	.....	.....
29	Flaxseed.....	bushels..	.....	.....	.....	.....	.....	.....	.....
30	Kafir corn and milo maize.....	acres....	.....	.....	.....	.....	.....	.....	.....
31	Other grains and seeds:								
32	Dry peas.....	acres....	399	.....	22	.....	.....	6	.....
33	Dry edible beans.....	bushels..	5,543	.....	548	.....	.....	103	.....
34	Flaxseed.....	acres....	544	4	21	8	1	10	1
35	Kafir corn and milo maize.....	bushels..	5,073	72	186	86	33	285	30
36	Other grains and seeds:	acres....	1,068,049	13,514	40,656	16,294	32,876	27,734	7,954
37	Dry peas.....	bushels..	10,245,684	137,914	372,246	164,421	467,174	264,258	88,213
38	Hay and forage:								
39	Total.....	acres....	2,864,218	41,882	68,586	46,129	26,789	71,949	18,986
40	All tame or cultivated grasses.....	tons.....	3,010,401	29,083	89,173	63,728	21,368	82,280	12,175
41	Timothy alone.....	acres....	381,647	1,162	14,200	5,914	1,787	6,645	1,178
42	Timothy and clover mixed.....	tons.....	468,226	1,182	20,640	9,059	2,028	8,475	760
43	Clover alone.....	acres....	183,686	83	3,446	1,200	190	2,777	.....
44	Alfalfa.....	acres....	197,947	42	4,075	1,405	250	3,879	.....
45	Millet or Hungarian grass.....	tons.....	34,068	45	266	211	40	99	7
46	Other tame or cultivated grasses.....	acres....	39,724	71	333	424	41	103	4
47	Wild, salt, or prairie grasses.....	tons.....	1,172	.....	6	.....	.....	5	.....
48	Grains cut green.....	acres....	1,386	.....	10	.....	.....	6	.....
49	Coarse forage.....	acres....	5,638	.....	98	4	.....	86	.....
50	Special crops:								
51	Potatoes.....	acres....	1,033	.....	46	74	.....	86	.....
52	All other vegetables.....	acres....	5,638	.....	167	138	.....	120	.....
53	Orchard fruits:								
54	Total.....	acres....	88,831	314	7,599	3,159	237	1,186	44
55	Apples.....	acres....	149,329	507	13,278	5,730	493	1,998	126
56	Peaches and nectarines.....	acres....	70,757	720	2,785	1,300	1,246	2,492	1,125
57	Pears.....	acres....	74,102	562	2,777	1,450	1,106	2,369	627
58	Plums and prunes.....	acres....	2,393,694	40,385	50,360	37,768	24,466	61,161	17,694
59	Cherries.....	acres....	2,372,618	27,351	59,327	51,034	18,322	66,863	11,173
60	Grapes.....	acres....	45,628	135	1,340	1,820	536	3,278	8
61	Small fruits:								
62	Total.....	acres....	61,507	76	1,976	1,958	1,018	4,331	8
63	Strawberries.....	acres....	43,232	198	2,686	1,627	.....	865	106
64	Raspberries and loganberries.....	acres....	107,924	466	7,230	1,677	.....	2,611	234
65	Currants.....	acres....	.....	.....	.....	.....	.....	.....	.....
66	Gooseberries.....	acres....	.....	.....	.....	.....	.....	.....	.....
67	Nuts.....	acres....	54,067	668	1,660	945	538	1,292	290
68	All other vegetables.....	bushels..	5,551,430	65,817	167,008	82,333	71,334	112,913	32,504
69	Fruits and nuts.....	acres....	13,383	344	209	146	162	248	110
FRUITS AND NUTS									
70	Orchard fruits:								
71	Total.....	trees....	40,296	37	1,686	171	12	95	7
72	Apples.....	bushels..	5,685	.....	182	49	.....	4	.....
73	Peaches and nectarines.....	trees....	15,941	21	920	50	12	27	.....
74	Pears.....	bushels..	4,374	.....	113	43	.....	2	.....
75	Plums and prunes.....	trees....	90	.....	7	.....	.....	.....	.....
76	Cherries.....	bushels..	35	.....	3	.....	.....	.....	.....
77	Grapes.....	trees....	24	.....	.....	.....	.....	.....	.....
78	Small fruits:								
79	Total.....	acres....	19,147	9	355	99	.....	42	.....
80	Strawberries.....	bushels..	1,048	.....	24	5	.....	2	.....
81	Raspberries and loganberries.....	trees....	5,076	7	404	22	.....	26	7
82	Currants.....	bushels..	209	.....	42	1	.....	.....	.....
83	Gooseberries.....	vines....	379	.....	9	.....	.....	.....	.....
84	Nuts.....	pounds..	360	.....	50	.....	.....	.....	.....
85	Small fruits:								
86	Total.....	acres....	399	1	10	20	.....	14	.....
87	Strawberries.....	quarts...	285,696	1,105	8,535	7,365	.....	11,209	.....
88	Raspberries and loganberries.....	acres....	88	1	2	1	.....	3	.....
89	Currants.....	quarts...	66,028	1,025	1,231	941	.....	2,475	.....
90	Gooseberries.....	acres....	85	.....	3	2	.....	4	.....
91	Nuts.....	quarts...	60,742	12	1,682	925	.....	2,781	.....
92	All other vegetables.....	acres....	138	.....	3	10	.....	4	.....
93	Fruits and nuts.....	quarts...	97,508	38	3,300	3,234	.....	3,695	.....
94	All other vegetables.....	acres....	86	.....	2	7	.....	3	.....
95	Fruits and nuts.....	trees....	56,804	18	2,146	2,135	.....	2,071	.....
96	All other vegetables.....	pounds..	62	.....	.....	.....	.....	.....	.....

TABLE 5.—SELECTED FARM EXPENSES

1	Labor	Farms reporting.....	45,775	575	1,512	1,126	544	1,786	166
2	Cash expended.....	dollars..	17,198,082	92,951	836,587	481,260	244,946	584,780	25,077
3	Rent and board furnished.....	dollars..	4,542,067	19,139	251,481	132,777	28,445	151,933	6,623
4	Fertilizer	Farms reporting.....	175	5	10	3	.....	3	.....
5	Amount expended.....	dollars..	10,003	361	430	290	.....	160	.....
6	Feed	Farms reporting.....	19,624	397	527	480	240	631	190
7	Amount expended.....	dollars..	2,003,028	41,449	75,355	55,178	26,547	65,533	12,845
8	Receipts from sale of feedable crops	dollars..	6,679,840	29,142	196,788	186,290	102,952	271,632	30,301

STATISTICS OF AGRICULTURE.

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AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909.

	Burke.	Burleigh.	Cass.	Cavalier.	Dickey.	Divide.	Dunn.	Eddy.	Emmons.	Foster.	Grand Forks.	Griggs.	Hettinger.
1	2,975,887	1,767,033	9,631,285	7,000,637	3,717,831	1,247,607	1,126,706	2,064,587	2,575,185	2,093,102	7,675,555	3,294,252	1,810,529
2	2,625,057	1,114,621	8,615,090	6,460,519	2,851,899	1,027,159	782,695	1,687,202	1,839,933	1,848,601	6,647,083	2,856,565	1,322,415
3	81,330	361,325	377,041	46,846	577,093	114,310	181,341	191,423	376,053	95,348	369,076	255,502	235,654
4	214,480	213,946	469,075	375,682	244,334	83,567	126,123	155,097	289,307	116,552	444,019	146,357	205,612
5	54,184	67,477	148,865	95,688	43,186	22,570	35,770	29,960	68,712	32,211	185,485	33,171	46,407
6	813	450	3,331	1,609	468	.....	397	526	57	385	5,476	393	29
7	23	9,214	16,683	20,293	851	1	382	379	1,123	5	24,416	2,264	412
8	248,073	107,915	645,912	452,764	243,721	83,834	52,651	144,606	165,632	187,870	492,270	234,155	85,866
9	3,701,379	1,556,563	12,604,746	9,996,782	4,506,557	1,361,439	1,270,541	2,488,373	2,550,520	2,901,024	9,575,887	4,165,400	2,689,547
10	135	6,941	39,021	770	6,646	185	2,002	267	9,274	998	4,298	371	2,901
11	2,155	164,933	1,039,668	21,304	174,296	3,990	50,301	6,857	253,638	22,747	122,295	8,490	73,966
12	51,946	19,808	96,521	104,716	28,575	17,954	15,868	29,007	14,938	35,511	87,774	39,787	23,749
13	1,371,292	449,746	3,142,748	3,950,500	868,634	470,958	594,369	838,384	424,563	911,431	2,610,674	1,091,421	912,344
14	191,916	70,672	423,245	272,318	159,871	64,362	32,695	97,719	118,944	117,763	323,383	162,108	56,768
15	2,246,688	768,475	6,419,507	4,196,507	2,398,471	861,194	571,874	1,337,443	1,395,411	1,430,867	5,147,840	2,403,563	1,027,449
16	256	4,358	641	458	8,725	81	329	1,403	8,626	2,160	1,216	1,025	1,155
17	5,534	83,733	19,467	17,781	220,179	1,450	11,638	38,660	206,517	48,664	31,435	27,814	38,666
18	3,609	3,480	78,087	74,313	39,902	1,217	1,097	12,463	13,611	28,772	74,189	29,278	1,262
19	72,595	61,033	1,818,747	1,807,215	844,962	23,277	41,278	238,010	267,606	461,743	1,642,734	622,133	36,375
20	.....	32	.....	.....	1	.....	.....	.....	2	30	.....	.....	.....
21	.....	320	.....	.....	10	.....	.....	.....	30	230	.....	.....	.....
22	205	2,624	8,397	189	.....	35	51	3,747	237	2,636	1,410	1,586	28
23	3,035	28,323	164,609	3,455	.....	570	865	29,019	2,755	25,342	20,909	11,979	647
24	6	.....	.....	.....	1	.....	9	.....	.....	.....	.....	.....	3
25	80	.....	.....	.....	5	.....	216	.....	.....	.....	.....	.....	100
26	.....	4	.....	13	1	.....	1	3	.....	15	35	.....	.....
27	13	32	.....	214	7	.....	13	12	.....	200	655	.....	.....
28	.....	13	27	.....	5	.....	9	1	.....	.....	51	.....	.....
29	2	118	337	.....	50	170	.....	10	.....	.....	611	3	.....
30	7,768	25,620	28,796	2,362	43,332	10,770	9,686	12,520	27,607	7,887	23,513	16,344	12,021
31	57,225	222,948	254,881	27,551	430,678	76,229	106,779	116,265	263,983	60,709	231,208	165,737	138,094
32	55,517	83,479	79,706	63,561	61,804	21,676	60,998	24,185	104,283	19,527	84,125	22,292	43,576
33	46,642	69,447	101,873	81,173	63,068	23,806	39,764	35,650	95,264	24,070	91,771	30,940	42,494
34	4,389	1,697	50,841	7,203	3,327	605	1,048	5,623	1,817	5,102	30,777	4,557	769
35	4,428	1,876	59,568	9,095	4,734	659	1,039	8,837	2,001	7,985	32,664	7,191	891
36	3,048	226	35,747	4,752	1,955	2	22	1,178	53	696	18,909	747	82
37	3,208	276	38,746	5,861	2,403	4	25	1,615	61	794	17,158	913	111
38	.....	65	10,241	650	117	7	40	325	.....	45	2,139	39	.....
39	.....	75	12,774	910	108	8	50	380	.....	55	1,923	51	.....
40	1	.....	174	36	2	.....	.....	11	.....	.....	183	11	.....
41	1	.....	190	27	4	.....	.....	12	.....	.....	226	20	.....
42	25	62	128	7	58	.....	20	49	34	18	63	23	5
43	24	98	260	7	112	.....	29	79	58	39	105	44	8
44	157	80	3,390	412	898	25	105	2,318	278	3,092	7,185	2,527	43
45	137	226	6,289	610	1,768	25	142	4,905	586	5,662	11,159	4,524	105
46	1,158	1,264	1,161	1,346	297	571	861	1,742	1,452	1,251	2,298	1,210	639
47	1,058	1,201	1,309	1,680	339	622	793	1,846	1,206	1,435	2,093	1,639	667
48	47,505	80,963	23,820	54,522	58,212	21,044	59,816	17,726	101,898	13,553	46,913	16,556	42,346
49	38,028	66,764	27,827	68,543	57,926	23,122	38,518	25,151	92,718	14,442	43,178	21,613	41,248
50	1,290	607	1,159	1,453	148	26	134	531	495	645	1,426	777	461
51	1,374	452	1,681	2,397	109	23	207	1,016	335	808	2,153	1,221	355
52	2,332	212	3,884	380	117	1	.....	305	73	227	5,009	402	.....
53	2,809	325	12,782	1,130	299	2	.....	646	200	835	13,776	915	.....
54	994	936	3,649	1,266	680	263	589	513	672	680	5,766	503	796
55	55,964	93,430	398,961	179,029	57,146	19,984	60,496	54,834	71,730	56,272	660,158	74,672	93,615
56	265	237	303	389	184	71	321	69	398	110	302	137	208
57	318	1,327	2,404	258	3,750	.....	357	1,734	.....	115	2,886	10	.....
58	29	33	412	14	47	.....	520	28	.....	.....	432	4	.....
59	21	91	1,426	122	475	.....	227	1,163	.....	27	939	2	.....
60	3	33	361	6	12	.....	500	19	.....	.....	320	3	.....
61	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	3	.....	.....
62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	.....	6	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	.....
64	.....	2	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....
65	61	1,030	604	81	3,170	.....	63	514	.....	66	1,298	6	.....
66	.....	.....	.....	7	34	.....	5	9	.....	.....	88	1	.....
67	236	206	368	54	105	.....	57	57	.....	22	638	2	.....
68	26	.....	12	1	1	.....	10	.....	.....	.....	14	.....	.....
69	.....	.....	61	.....	.....	.....	5	.....	.....	4	4	.....	.....
70	.....	.....	.....	.....	.....	.....	100	.....	.....	.....	50	.....	.....
71	8	2	42	17	4	.....	.....	6	.....	3	39	2	.....
72	5,200	2,906	17,101	11,942	3,961	.....	907	3,799	470	2,501	38,118	2,281	462
73	1	.....	15	1	1	.....	.....	2	.....	1	5	2	.....
74	522	163	6,018	844	1,095	.....	520	793	.....	489	5,551	1,335	352
75	1	.....	12	4	1	.....	.....	.....	.....	.....	13	.....	.....
76	563	89	5,021	3,551	1,651	.....	10	100	.....	191	13,376	160	.....
77	4	2	9	5	1	.....	.....	2	.....	1	17	.....	.....
78	2,463	2,092	3,644	3,600	470	210	1,640	90	1,012	15,407	484	20
79	2	5	7	1	2	1	4
80	1,652	562	1,770	3,582	713	142	1,258	348	794	3,555	302	90
81	60
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AND RECEIPTS, BY COUNTIES: 1909.

1	1,121	538	1,784	1,388	699	492	305	424	780	462	1,653	663	514
2	263,008	121,835	1,538,741	483,369	340,781	63,121	74,321	181,848	140,632	215,275	880,017	328,512	76,459
3	66,427	35,075	390,103	150,988	74,164	12,745	16,469	51,366	94,532	55,564	241,922	112,573	12,905
4	2	5	.....	2	4	1	3	.....	4	4	43	9	1
5	34	235	313	100	120	15	167	.....	165	194	2,456	662	10
6	672	317	561	322	235	363	216	183	408	194	587	195	184
7	62,684	31,056	86,697	29,449	33,202	28,764	15,726	25,344	46,942	27,538	73,531	23,362	11,350
8	61,444	20,058	367,163	946,625	207,974	7,933	23,070	46,284	39,403	143,698	337,062	101,766	31,639

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND ACREAGE

		Kidder.	Lamoure.	Logan.	McHenry.	McIntosh.	McKenzie.	McLean.	Mercer.	Morton.
VALUE OF ALL CROPS										
1	Total.....dollars.	1,294,535	5,106,657	1,654,686	5,827,882	1,913,417	1,121,161	3,923,082	1,132,971	4,990,799
2	Cereals.....dollars.	669,148	4,065,093	970,722	5,051,481	1,271,058	723,269	2,083,255	826,401	3,603,681
3	Other grains and seeds.....dollars.	383,721	680,002	489,079	297,648	430,760	208,601	877,341	148,863	656,305
4	Hay and forage.....dollars.	204,090	309,612	166,495	372,011	178,860	144,733	270,736	131,597	539,097
5	Vegetables.....dollars.	37,507	51,173	28,245	96,210	32,652	38,663	89,907	25,942	175,962
6	Fruits and nuts.....dollars.	44	515	145	841	87		378		566
7	All other crops.....dollars.	25	262		9,691		5,895	1,465	168	15,188
SELECTED CROPS (acres and quantity)										
Cereals:										
8	Total.....acres.	70,233	319,023	91,122	420,065	125,942	46,472	246,072	69,431	248,053
9	.....bushels.	1,058,466	6,167,932	1,377,504	6,869,462	1,723,670	1,237,808	3,756,599	1,201,314	4,991,166
10	Corn.....acres.	1,841	3,576	501	1,141	975	1,343	3,012	1,885	12,321
11	.....bushels.	50,818	109,194	13,907	24,696	23,451	34,422	64,530	45,335	290,412
12	Oats.....acres.	16,238	36,799	8,623	78,755	5,716	18,244	49,845	14,699	53,841
13	.....bushels.	388,762	1,246,796	239,637	2,207,266	157,316	659,570	1,329,373	404,271	1,749,303
14	Wheat.....acres.	39,260	231,181	64,272	313,892	93,549	25,613	182,422	49,980	172,579
15	.....bushels.	414,485	3,722,778	750,211	4,097,885	997,545	502,815	2,137,657	685,451	2,706,208
16	Emmer and spelt.....acres.	3,030	5,629	6,817	1,480	9,440	174	2,463	866	3,774
17	.....bushels.	58,273	148,148	155,401	36,712	217,441	5,390	58,633	21,645	106,647
18	Barley.....acres.	5,995	41,680	10,662	22,618	16,097	1,093	7,974	2,001	5,337
19	.....bushels.	106,156	936,759	214,812	477,211	326,047	35,486	160,880	44,612	134,801
20	Buckwheat.....acres.		2		14					30
21	.....bushels.		5		56		98			507
22	Rye.....acres.	3,869	156	247	2,195	165	1	356		170
23	.....bushels.	39,972	4,252	3,536	25,636	1,870	27	5,526		3,270
24	Kafir corn and milo maize.....acres.									1
25	.....bushels.									18
Other grains and seeds:										
26	Dry peas.....acres.				3			4		
27	.....bushels.				50			38		3
28	Dry edible beans.....acres.				22		2	34	5	21
29	.....bushels.		2		227		30	268	10	187
30	Flaxseed.....acres.	26,790	43,445	30,358	22,548	30,480	12,666	69,621	10,403	39,118
31	.....bushels.	245,093	477,384	314,898	190,387	303,221	123,616	560,709	95,883	391,460
Hay and forage:										
32	Total.....acres.	55,192	66,269	63,564	101,206	48,772	38,415	110,617	40,391	153,617
33	.....tons.	64,064	73,644	55,827	112,589	55,195	37,220	84,044	35,031	133,615
34	All tame or cultivated grasses.....acres.	1,353	9,154	537	6,933	929	2,022	2,459	1,539	2,843
35	.....tons.	2,082	13,131	658	9,247	1,194	2,429	2,628	1,181	4,605
36	Timothy alone.....acres.		4,109	22	3,313		9	318		68
37	.....tons.		5,049	59	4,224		7	348		68
38	Timothy and clover mixed.....acres.	15	118		241			50		1
39	.....tons.	20	168		322			60		1
40	Clover alone.....acres.									
41	.....tons.									
42	Alfalfa.....acres.	109	41	2	62	15	322	36	2	33
43	.....tons.	647	59	7	118	20	559	64	7	44
44	Millet or Hungarian grass.....acres.	35	2,490	73	1,242	167	85	265	107	1,936
45	.....tons.	68	5,145	167	2,144	236	216	479	159	3,858
46	Other tame or cultivated grasses.....acres.	1,104	2,396	440	2,075	747	1,606	1,790	1,430	805
47	.....tons.	1,347	2,710	425	2,439	938	1,647	1,677	1,015	634
48	Wild, salt, or prairie grasses.....acres.	53,242	56,156	63,021	92,448	47,546	35,365	107,090	38,498	148,875
49	.....tons.	61,036	58,654	55,154	100,310	53,669	33,532	80,273	33,588	125,817
50	Grains cut green.....acres.	575	599		989	297	996	1,004	345	1,559
51	.....tons.	876	769		1,158	332	1,170	1,035	236	2,370
52	Coarse forage.....acres.	22	360	6	836		30	64	9	340
53	.....tons.	70	1,089	15	1,874		86	106	26	823
Special crops:										
54	Potatoes.....acres.	548	864	464	1,329	421	456	1,322	225	2,304
55	.....bushels.	45,050	95,077	41,592	128,825	44,425	49,198	103,118	22,148	237,515
56	All other vegetables.....acres.	132	111	178	417	176	327	390	287	1,105
FRUITS AND NUTS										
Orchard fruits:										
57	Total.....trees.		721	97	748	33	2	57		603
58	.....bushels.		42	1	9	60		1		66
59	Apples.....trees.		131	16	427	33	2	6		353
60	.....bushels.		22		2	60				37
61	Peaches and nectarines.....trees.		15							
62	.....bushels.		5							
63	Pears.....trees.		2							
64	.....bushels.									
65	Plums and prunes.....trees.		534	48	183			30		189
66	.....bushels.		7	1	7					29
67	Cherries.....trees.		39	33	138			21		60
68	.....bushels.		8					1		
69	Grapes.....vines.									12
70	.....pounds.									
Small fruits:										
71	Total.....acres.		3	2	10			5		4
72	.....quarts.	209	3,135	954	4,906	56		2,884		4,428
73	Strawberries.....acres.		1		3					
74	.....quarts.	135	1,105	79	1,611			86		280
75	Raspberries and loganberries.....acres.				1			2		
76	.....quarts.	25	336	18	426			720		95
77	Currents.....acres.				4			1		2
78	.....quarts.	25	737	14	1,990			794		2,411
79	Gooseberries.....acres.		1	2	2			2		2
80	.....quarts.	24	783	843	879	56		1,276		1,642
81	Nuts.....trees.									
82	.....pounds.									

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....Farms reporting.....	401	937	309	1,601	585	669	1,408	516	1,498
2	Cash expended.....dollars.	75,099	339,199	45,326	468,080	179,746	102,696	271,687	161,559	210,958
3	Rent and board furnished.....dollars.	24,452	85,725	11,407	101,635	16,880	24,784	67,736	12,985	73,787
4	Fertilizer.....Farms reporting.....	2	2		8					1
5	Amount expended.....dollars.	110	45		691	40				50
6	Feed.....Farms reporting.....	387	438	224	590	45	319	906	81	665
7	Amount expended.....dollars.	26,892	52,682	13,698	50,663	15,151	22,344	93,893	4,156	50,185
8	Receipts from sale of feedable crops.....dollars.	17,695	224,236	23,227	120,508	2,221	43,392	27,726	3,941	84,619

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AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

	Mountain.	Nelson.	Oliver.	Pembina.	Pierce.	Ramsey.	Ransom.	Renville.	Richland.	Rolette.	Sargent.	Sheridan.	Stark.
1	2,159,090	5,004,238	1,049,559	4,079,374	4,135,104	5,938,815	3,528,666	2,979,827	6,233,940	2,980,970	3,397,548	2,356,565	2,166,552
2	1,671,949	4,347,107	828,935	3,448,136	3,726,238	5,259,895	2,888,368	2,461,612	5,400,614	2,658,877	2,587,406	1,848,022	1,771,619
3	274,360	379,714	67,774	164,020	144,097	300,380	302,146	242,934	312,305	70,640	447,986	280,674	136,134
4	175,071	214,216	122,233	337,876	217,374	293,623	290,901	220,945	393,845	181,253	316,468	177,429	184,453
5	37,271	60,724	26,258	90,056	39,900	78,196	42,539	52,988	104,552	50,095	43,381	50,264	87,439
6	140	697	480	2,459	717	1,652	773	760	3,496	421	1,469	176	465
7	299	1,780	3,879	36,827	6,718	5,069	3,939	588	19,128	19,765	838	.....	6,442
8	125,101	304,729	60,373	318,658	292,126	370,984	235,834	232,212	420,034	184,435	203,259	176,174	119,939
9	2,406,666	6,208,416	1,224,684	5,203,542	5,042,958	7,275,485	4,551,775	3,383,080	8,304,200	3,839,280	4,086,046	2,466,796	2,604,666
10	377	962	1,761	798	342	5,267	6,645	239	25,849	228	7,628	160	4,434
11	9,108	21,261	47,405	18,452	6,933	178,754	181,302	5,803	755,494	4,709	226,006	3,263	95,624
12	30,649	48,363	15,566	64,122	46,128	43,310	39,473	44,540	89,830	37,248	29,475	31,136	26,736
13	947,718	1,626,154	493,595	1,681,088	1,412,187	1,563,254	1,245,798	1,181,262	2,498,338	1,261,272	938,962	813,492	970,143
14	90,680	216,025	40,904	174,701	221,235	272,854	168,566	179,053	244,873	116,680	135,953	135,047	84,352
15	1,375,518	3,527,358	629,164	2,217,315	3,060,666	4,196,933	2,653,919	2,059,746	3,772,481	1,860,647	2,222,785	1,462,982	1,430,712
16	582	798	325	251	435	1,422	2,829	854	1,909	171	6,648	1,468	503
17	15,413	26,232	8,971	6,927	12,555	46,401	75,861	18,359	53,974	6,663	191,262	34,175	17,908
18	2,541	37,776	1,787	77,105	23,775	47,027	17,986	7,521	52,999	29,865	23,220	7,684	3,429
19	54,523	996,381	45,089	1,256,360	546,673	1,273,163	390,375	117,835	1,138,022	702,665	502,286	145,205	79,008
20	.....	.....	22	283	8	.....	32	.....	84	68	70	.....	6
21	.....	.....	2	4,431	54	.....	390	.....	1,837	952	140	.....	97
22	272	805	29	1,398	203	1,104	303	5	4,430	175	265	679	389
23	4,386	11,030	438	18,969	3,890	16,980	4,130	75	84,054	2,372	4,605	7,679	4,574
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	7	.....	12	.....	3	.....	.....	2	11	.....	2	.....
27	.....	54	.....	78	.....	63	.....	6	28	146	.....	18	.....
28	2	2	.....	2	9	1	8	.....	112	5	.....	.....	2
29	35	28	2	26	39	25	148	6	463	11	32	6	11
30	23,958	19,961	4,883	13,328	9,378	16,404	19,220	21,081	21,876	4,512	27,773	19,654	7,143
31	185,113	220,234	44,027	112,031	87,831	186,057	212,179	154,926	199,430	47,002	326,437	168,729	82,737
32	39,177	42,653	36,601	56,921	50,637	49,695	52,213	60,068	91,979	37,208	81,405	32,233	49,284
33	51,210	57,085	30,700	69,619	54,392	71,678	61,459	47,001	103,739	46,839	88,506	42,233	37,335
34	1,060	3,902	920	30,607	3,554	5,062	9,685	5,000	23,600	3,373	10,830	1,167	2,445
35	1,039	5,607	843	33,704	4,957	8,121	12,624	5,105	29,059	4,187	13,527	1,528	3,227
36	214	1,165	67	21,070	652	1,003	6,398	1,955	15,647	869	4,955	27	740
37	275	1,477	89	22,428	913	1,391	7,942	2,187	17,509	1,027	6,165	24	903
38	22	348	2	5,128	175	483	50	153	2,185	95	702	25	39
39	42	425	4	5,185	205	508	54	131	2,900	145	936	36	63
40	.....	16	.....	64	.....	16	5	3	17	7	66	3	3
41	.....	18	.....	105	.....	35	5	3	18	4	131	3	3
42	22	48	1	38	111	291	29	70	27	7	30	15	28
43	14	105	2	98	275	411	38	89	48	11	54	20	58
44	152	1,064	79	3,279	884	1,977	2,023	447	3,328	327	1,403	437	499
45	250	1,848	140	4,567	1,682	4,143	3,093	595	5,741	585	2,775	789	952
46	650	1,261	771	1,028	1,732	1,292	1,180	2,372	2,396	2,068	3,674	660	1,166
47	1,058	1,734	608	1,321	1,882	1,633	1,492	2,100	2,843	2,415	3,466	656	1,248
48	37,466	37,460	34,787	20,322	46,495	42,863	40,782	52,519	64,000	33,091	69,465	30,886	46,318
49	48,707	48,617	27,940	23,943	48,377	59,407	45,891	37,993	66,036	41,009	73,349	40,495	33,414
50	558	775	616	3,218	303	970	904	986	2,407	667	888	154	516
51	612	1,298	1,046	4,332	456	1,915	1,316	1,116	3,033	839	979	172	684
52	93	516	278	2,771	285	800	842	1,563	1,968	77	222	26	5
53	249	1,503	865	7,578	602	2,235	1,628	2,787	5,590	204	651	38	10
54	783	1,245	425	1,397	738	1,151	931	866	2,031	871	734	531	1,034
55	45,995	169,549	40,475	182,821	51,202	135,708	91,527	60,020	220,877	89,850	68,450	42,187	112,164
56	116	170	158	413	284	237	162	183	461	85	159	454	545
57	.....	609	260	931	89	50	417	79	5,740	100	5,026	12	915
58	.....	15	5	358	7	7	50	5	870	7	223	2	137
59	.....	19	167	578	15	16	135	28	2,806	19	1,291	.....	367
60	.....	8	.....	292	6	2	33	4	703	.....	129	.....	130
61	.....	4	.....	.....	.....	.....	.....	.....	36	.....	.....	.....	3
62	.....	4	.....	.....	.....	.....	.....	.....	11	.....	.....	.....	.....
63	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	5	.....	.....
64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
65	.....	566	43	205	37	25	193	20	2,512	39	2,961	9	339
66	.....	2	4	61	1	.....	12	1	147	.....	88	1	6
67	.....	20	50	88	34	9	89	31	385	42	769	3	206
68	.....	1	1	5	.....	5	5	.....	9	7	5	.....	1
69	.....	.....	3	4	8	.....	.....	.....	40	.....	.....	.....	201
70	.....	.....	.....	.....	.....	.....	.....	.....	135	.....	.....	.....	25
71	2	6	3	13	8	15	6	5	21	5	9	.....	7
72	1,019	5,156	3,909	10,901	4,472	11,560	5,122	3,523	15,784	3,332	7,437	1,282	2,761
73	2	.....	.....	3	1	1	2	1	10	.....	5	.....	.....
74	833	207	170	2,557	459	568	957	589	7,696	320	3,782	145	112
75	.....	1	.....	6	1	2	1	1	4	.....	1	.....	.....
76	4	771	60	4,099	694	1,324	1,120	598	3,051	125	511	196	74
77	.....	4	1	3	4	8	2	1	4	3	2	.....	4
78	164	3,210	1,086	2,322	2,122	6,544	1,564	917	3,129	1,610	1,814	408	842
79	.....	1	2	1	2	4	1	2	3	.....	1	.....	3
80	18	778	2,093	1,169	1,197	3,124	1,416	1,355	1,666	1,204	1,266	453	1,733
81	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
82	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	953	1,041	342	1,310	991	1,118	915	880	1,715	698	802	687	680
2	168,469	692,931	47,817	512,863	381,130	489,658	421,024	200,893	732,179	248,205	242,804	153,340	130,022
3	30,523	164,533	11,565	136,454	97,008	162,941	105,630	55,588	183,602	62,137	65,795	22,616	24,098
4	12	.....	.....	1	2	2	2	.....	9	9	.....	.....	2
5	533	.....	.....	250	135	351	155	.....	351	419	140	.....	35
6	590	406	214	644	303	506	358	375	665	183	325	261	235
7	49,766	54,123	11,972	61,375	30,592	92,787	35,651	31,177	56,435	15,437	32,939	17,715	14,619
8	32,973	166,076	23,424	302,906	104,651	203,064	127,192	31,929	330,420	203,320	78,462	28,473	43,119

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

		Steele.	Stutsman.	Towner.	Traill.	Walsh.	Ward.	Wells.	Williams.
VALUE OF ALL CROPS									
1	Total.....	dollars.. 4,163,580	5,318,022	4,984,058	4,629,971	6,463,894	5,289,631	4,239,421	3,285,245
2	Cereals.....	dollars.. 3,607,981	4,002,197	4,507,275	4,074,024	5,640,248	4,219,855	3,599,340	2,692,434
3	Other grains and seeds.....	dollars.. 315,128	850,026	246,703	155,452	260,277	520,642	286,013	185,439
4	Hay and forage.....	dollars.. 198,593	356,875	173,022	329,732	407,746	405,747	286,435	312,799
5	Vegetables.....	dollars.. 37,747	106,533	55,476	52,372	124,213	109,649	66,589	88,274
6	Fruits and nuts.....	dollars.. 1,887	863	588	4,661	4,743	932	702	153
7	All other crops.....	dollars.. 2,244	1,228	94	13,730	26,667	32,806	332	6,146
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....	acres.. 271,053	370,939	317,905	306,371	425,670	346,531	368,408	177,977
10	Corn.....	bushels.. 5,217,320	5,781,319	6,332,411	5,672,240	8,093,084	6,021,991	5,239,894	3,909,129
11	Oats.....	acres.. 2,336	1,870	2,403	6,416	2,096	582	836	768
12	Wheat.....	bushels.. 66,135	54,439	82,015	151,529	65,225	12,404	21,876	20,750
13	Emmer and spelt.....	acres.. 44,544	71,504	51,421	46,498	70,959	73,615	58,717	45,021
14	Barley.....	bushels.. 1,435,088	1,917,328	1,776,505	1,456,106	2,234,352	1,752,108	1,575,930	1,457,511
15	Buckwheat.....	acres.. 189,234	253,668	217,600	211,680	280,556	259,047	272,083	127,202
16	Rye.....	bushels.. 2,920,720	2,975,906	3,405,902	3,189,902	4,237,016	3,546,271	2,932,219	2,295,868
17	Kafir corn and milo maize.....	acres.. 273	3,869	1,895	40	245	2,585	2,407	1,912
18	Barley.....	bushels.. 8,630	89,741	54,684	1,380	5,980	58,379	50,040	59,176
19	Buckwheat.....	acres.. 34,646	39,176	44,409	38,444	71,050	10,388	32,189	2,971
20	Rye.....	bushels.. 786,422	731,889	1,072,171	815,673	1,537,194	227,347	630,309	74,067
21	Kafir corn and milo maize.....	acres.. 4	4	4	4	175	18	94	2
22	Rye.....	bushels.. 20	848	117	3,289	589	314	2,082	101
23	Kafir corn and milo maize.....	acres.. 325	11,946	1,070	57,632	9,041	5,482	28,101	1,733
24	Other grains and seeds:								
25	Dry peas.....	bushels.. 177	10	5	45	15	13	100	3
26	Dry edible beans.....	acres.. 1	13	75	86	190	47	6	10
27	Flaxseed.....	bushels.. 29	135	9	101	486	32	73	3
28	Hay and forage:								
29	Total.....	acres.. 19,806	63,327	14,778	11,252	16,231	44,622	20,275	15,574
30	All tame or cultivated grasses.....	bushels.. 209,774	583,954	157,209	97,825	162,630	341,752	192,788	123,855
31	Timothy alone.....	acres.. 28,747	88,761	29,878	57,560	65,519	101,931	47,797	86,858
32	Timothy and clover mixed.....	acres.. 40,740	98,736	42,956	67,864	78,556	96,774	56,632	71,359
33	Clover alone.....	acres.. 9,030	5,991	2,266	37,693	28,386	8,438	10,105	2,123
34	Alfalfa.....	tons.. 11,986	10,332	3,282	38,916	32,422	9,465	15,019	2,409
35	Timothy alone.....	acres.. 3,084	1,152	608	22,282	13,052	3,740	1,724	330
36	Timothy and clover mixed.....	acres.. 3,454	1,458	826	20,533	12,029	4,248	2,070	418
37	Clover alone.....	tons.. 433	24	75	7,127	2,002	162	62	15
38	Alfalfa.....	tons.. 578	40	62	8,027	2,252	144	76	30
39	Millet or Hungarian grass.....	acres.. 1	23	291	315	219	6	4	250
40	Other tame or cultivated grasses.....	acres.. 6	282	44	95	26	91	17	481
41	Wild, salt, or prairie grasses.....	tons.. 11	686	59	164	32	95	25	204
42	Grains cut green.....	acres.. 4,320	2,664	687	7,038	11,010	1,857	5,833	303
43	Coarse forage.....	tons.. 6,100	6,038	1,383	8,972	15,624	2,700	10,407	1,324
44	Special crops:								
45	Potatoes.....	acres.. 1,186	1,869	829	860	2,077	2,588	2,463	1,177
46	All other vegetables.....	tons.. 1,842	2,110	938	905	2,258	2,278	2,437	84,090
47	Wild, salt, or prairie grasses.....	acres.. 18,162	81,327	26,391	12,382	32,254	89,622	34,063	67,921
48	Grains cut green.....	tons.. 25,422	85,688	37,755	11,962	35,748	81,902	35,255	2,816
49	Coarse forage.....	acres.. 430	289	966	970	2,665	1,647	4,231	268
50	Special crops:								
51	Potatoes.....	acres.. 622	516	1,529	1,412	3,661	1,996	4,231	395
52	All other vegetables.....	tons.. 1,125	1,154	255	6,515	2,214	2,224	813	761
53	Special crops:								
54	Potatoes.....	acres.. 2,710	2,200	390	15,574	6,725	3,411	2,127	1,204
55	All other vegetables.....	acres.. 671	1,655	639	1,094	2,852	1,699	793	107,890
56	All other vegetables.....	bushels.. 85,954	158,376	77,743	127,875	327,228	118,846	67,545	251
57	FRUITS AND NUTS								
58	Orchard fruits:								
59	Total.....	trees.. 1,016	1,521	133	2,411	2,410	484	103	562
60	Apples.....	bushels.. 229	130	1	504	1,169	25	1	8
61	Peaches and neectarines.....	trees.. 597	341	13	1,371	1,318	127	1	241
62	Pears.....	bushels.. 161	6	382	965	14	14	3	3
63	Plums and prunes.....	trees.. 4	12	5	10	187	68	321	5
64	Cherries.....	bushels.. 336	1,062	68	846	868	187	68	321
65	Grapes.....	bushels.. 54	116	112	174	174	8	34	5
66	Small fruits:								
67	Total.....	acres.. 79	118	40	194	213	170	3	2
68	Strawberries.....	bushels.. 12	8	1	10	19	3	2	2
69	Raspberries and loganberries.....	vines.. 19	28	28	28	28	28	28	28
70	Currents.....	pounds.. 19	9	7	33	25	8	5	1
71	Gooseberries.....	acres.. 11,320	5,823	3,558	26,289	17,184	5,561	4,409	855
72	Nuts.....	acres.. 3	1	1	11	6	1	1	20
73	Strawberries.....	quarts.. 1,892	697	327	11,779	3,989	1,182	1,037	4
74	Raspberries and loganberries.....	acres.. 7	2	1	10	4	1	2	1
75	Currents.....	quarts.. 3,997	1,322	280	6,426	2,589	829	336	4
76	Gooseberries.....	acres.. 5	4	3	8	9	4	2	1
77	Nuts.....	quarts.. 3,055	2,778	1,832	5,802	6,623	2,084	1,725	597
78	Gooseberries.....	acres.. 4	2	2	4	5	2	2	2
79	Nuts.....	quarts.. 2,004	1,031	1,099	2,154	3,472	1,386	1,311	234
80	Nuts.....	trees.. 2	2	2	2	2	2	2	2
81	Nuts.....	pounds.. 2	2	2	2	2	2	2	2
82	Nuts.....	pounds.. 2	2	2	2	2	2	2	2

TABLE 5.—SELECTED FARM EXPENSES AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	Labor.....	Farms reporting.....	785	1,030	861	984	1,881	1,611	995	1,040
2	Cash expended.....	dollars.. 598,776	348,268	554,227	780,613	774,979	308,560	426,610	142,446	47,659
3	Rent and board furnished.....	dollars.. 143,417	96,012	126,682	216,122	246,164	92,751	123,088	47,659	40
4	Fertilizer.....	Farms reporting.....	15	1	3	6	4	2	1	2
5	Amount expended.....	dollars.. 221	438	239	141	375	285	130	687	687
6	Feed.....	Farms reporting.....	28,680	59,975	32,909	49,905	57,236	92,538	26,987	48,004
7	Amount expended.....	dollars.. 194,581	119,502	258,556	140,088	269,213	73,261	149,321	40,520	40,520
8	Receipts from sale of feedable crops.....	dollars.. 194,581	119,502	258,556	140,088	269,213	73,261	149,321	40,520	40,520

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TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910.

		THE STATE.	Adams.	Barnes.	Benson.	Billings.	Bottineau.	Bowman.	Burke.	Burleigh.	Cass.
1	Inclosures reporting domestic animals...	9,784	5	413	188	33	284	23	174	240	571
2	Value of domestic animals.....dollars..	3,415,679	11,337	121,687	68,810	20,490	95,915	10,296	75,595	70,639	193,578
3	Cattle:										
4	Total number.....	12,429	6	393	257	136	254	45	238	274	537
5	Value.....dollars..	401,580	187	13,097	8,561	4,765	8,199	1,826	6,700	9,213	18,725
6	Number of dairy cows.....	8,640	4	290	185	35	205	16	113	228	432
7	Horses:										
8	Total number.....	22,214	29	835	450	148	624	64	485	451	1,276
9	Value.....dollars..	2,854,134	3,150	105,305	57,680	15,305	85,000	8,375	67,390	53,958	173,598
10	Number of mature horses.....	21,413	23	818	424	146	604	64	471	436	1,253
11	Mules and asses and burros:										
12	Total number.....	739	54	16	3	2	12		10	67	5
13	Value.....dollars..	125,402	8,000	2,715	500	300	2,100		1,092	7,400	540
14	Number of mature mules.....	708	54	15	3	2	12		10	67	5
15	Swine:										
16	Total number.....	2,461		41	133	9	43	3	38	4	94
17	Value.....dollars..	28,334		559	2,069	120	596	90	398	65	658
18	Sheep and goats:										
19	Total number.....	1,321		5			2	1	2	1	8
20	Value.....dollars..	6,229		11			20	5	15	3	57
		Cavalier.	Dickey.	Divide.	Dunn.	Eddy.	Emmons.	Foster.	Grand Forks.	Griggs.	Hettinger.
1	Inclosures reporting domestic animals...	218	204	23	13	71	73	148	602	83	13
2	Value of domestic animals.....dollars..	52,418	81,541	19,027	8,405	26,842	15,424	47,883	161,104	42,510	16,765
3	Cattle:										
4	Total number.....	205	284	31	16	73	69	207	642	119	20
5	Value.....dollars..	6,567	8,370	1,057	315	2,681	2,565	6,691	24,383	4,064	930
6	Number of dairy cows.....	163	211	28	10	67	69	110	575	81	20
7	Horses:										
8	Total number.....	348	570	113	39	170	112	292	1,066	305	172
9	Value.....dollars..	44,645	71,578	17,900	5,475	22,845	12,699	39,370	135,975	35,670	15,750
10	Number of mature horses.....	339	548	112	36	163	108	283	1,038	291	172
11	Mules and asses and burros:										
12	Total number.....	5	5	1		6		1	2	10	
13	Value.....dollars..	650	700	50		1,000		1,500	250	2,000	
14	Number of mature mules.....	5	5			6			2	10	
15	Swine:										
16	Total number.....	41	45	2	14	30	18	23	45	58	8
17	Value.....dollars..	550	393	20	115	316	160	301	411	776	85
18	Sheep and goats:										
19	Total number.....	1			490			5	18		
20	Value.....dollars..	6			2,500			21	85		
		Kidder.	Lamoure.	Logan.	McHenry.	McIntosh.	McKenzie.	McLean.	Mercer.	Morton.	Mountrail.
1	Inclosures reporting domestic animals...	39	169	55	218	67	1	200	10	363	117
2	Value of domestic animals.....dollars..	17,196	61,794	22,467	133,298	26,044	241	84,856	13,847	173,510	53,701
3	Cattle:										
4	Total number.....	70	169	113	185	243	2	294	323	409	161
5	Value.....dollars..	1,810	5,048	2,897	7,148	5,358	41	9,368	7,292	12,588	4,739
6	Number of dairy cows.....	40	131	71	153	106	1	187	14	289	111
7	Horses:										
8	Total number.....	130	390	145	737	108	2	657	62	936	396
9	Value.....dollars..	13,045	54,230	18,890	109,065	20,115	200	74,282	6,325	116,475	48,730
10	Number of mature horses.....	117	382	133	718	101	2	640	38	914	366
11	Mules and asses and burros:										
12	Total number.....	2	9	2	70			5		268	
13	Value.....dollars..	400	2,450	300	16,700			800		44,000	
14	Number of mature mules.....	2	8	2	69			5		268	
15	Swine:										
16	Total number.....	18	6	52	48	51		43	24	47	18
17	Value.....dollars..	161	66	371	381	543		421	230	395	230
18	Sheep and goats:										
19	Total number.....	440		2	1	10		1		12	1
20	Value.....dollars..	1,780		9	4	28		5		49	2
		Nelson.	Oliver.	Pembina.	Pierce.	Ramsey.	Ransom.	Renville.	Richland.	Rolette.	Sargent.
1	Inclosures reporting domestic animals...	208	3	434	128	362	288	99	478	217	217
2	Value of domestic animals.....dollars..	71,757	955	123,201	37,166	111,183	93,715	30,476	122,687	71,597	91,492
3	Cattle:										
4	Total number.....	266	2	729	156	409	381	86	558	331	430
5	Value.....dollars..	8,245	55	21,323	4,960	15,370	11,494	2,864	16,624	9,130	15,617
6	Number of dairy cows.....	191	1	476	126	277	264	67	467	208	184
7	Horses:										
8	Total number.....	497	6	746	240	660	614	238	857	477	622
9	Value.....dollars..	61,630	900	97,218	31,970	90,421	79,520	25,615	103,348	61,690	73,630
10	Number of mature horses.....	477	6	716	229	642	582	234	827	462	606
11	Mules and asses and burros:										
12	Total number.....	5		11	1	13	9	3	9	1	8
13	Value.....dollars..	560		2,975	35	2,500	2,150	450	930	200	1,410
14	Number of mature mules.....	2		9		12	3	2	8	1	5
15	Swine:										
16	Total number.....	109		141	32	198	23	56	132	52	52
17	Value.....dollars..	1,312		1,361	201	2,882	551	795	1,773	572	830
18	Sheep and goats:										
19	Total number.....	2		81		1		85	3	1	1
20	Value.....dollars..	10		324		10		752	12	5	5

TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910—Continued.

		Sheridan.	Stark.	Steele.	Stutsman.	Towner.	Traill.	Walsh.	Ward.	Wells.	Williams.
1	Inclousures reporting domestic animals...	147	300	109	285	140	339	375	520	206	311
2	Value of domestic animals.....dollars...	60,709	85,750	37,435	97,699	51,321	75,809	99,907	197,537	60,696	167,387
	Cattle:										
3	Total number.....	244	467	137	276	111	431	493	481	231	435
4	Value.....dollars.....	6,805	12,739	4,560	9,480	3,900	13,624	16,715	17,850	7,590	16,950
5	Number of dairy cows.....	158	247	121	226	97	366	387	388	167	277
	Horses:										
6	Total number.....	407	537	282	700	287	528	668	1,300	430	1,006
7	Value.....dollars.....	52,820	68,520	31,925	86,206	45,320	60,668	81,076	172,465	52,342	143,845
8	Number of mature horses.....	366	522	270	690	273	518	644	1,265	402	942
	Mules and asses and burros:										
9	Total number.....	1	15	6	5	9	6	1	31	5	45
10	Value.....dollars.....	150	3,600	700	1,250	1,180	850	100	6,550	515	5,850
11	Number of mature mules.....	1	13	6	1	9	6	.....	29	4	42
	Swine:										
12	Total number.....	100	76	22	88	79	60	171	57	28	59
13	Value.....dollars.....	934	876	240	759	684	652	1,791	672	244	722
	Sheep and goats:										
14	Total number.....	.....	2	1	2	51	4	86	.....	1	.....
15	Value.....dollars.....	.....	15	10	4	237	15	225	.....	5	.....

CHAPTER 4.

STATISTICS OF IRRIGATION FOR THE STATE AND ITS COUNTIES.

Introduction.—This chapter presents the larger part of the statistics of irrigation for North Dakota obtained in connection with the Thirteenth Census. The statistics of the number of farms and acreage irrigated, cost of operation and maintenance, and irrigated crops are for the calendar year 1909; those of irrigation works, cost of enterprises, acreage enterprises were capable of irrigating in 1910, and acreage included in projects are of the date July 1, 1910.

These statistics have been collected under the law of February 25, 1910, which contained the following clause relating to irrigation:

Inquiries shall also be made as to the location and character of irrigation enterprises, quantity of land irrigated in the arid region of the United States and in each state and county in that section under state and Federal laws; the price at which these lands, including water rights, are obtainable; the character and value of crops produced on irrigated lands, the amount of water used per acre for said irrigation and whether it was obtainable from national, state, or private works; the location of the various projects and methods of construction, with facts as to their physical condition; the amount of capital invested in such irrigation works.

The information called for by this law which could be supplied by farm operators was obtained on supplemental schedules by the regular census enumerators as a part of the agricultural census. The remaining data, which were supplied by the owners or officials of irrigation enterprises, were obtained on special schedules by special agents. The data relating to number of farms irrigated and irrigated crops are taken from the supplemental schedules, while all data relating to acreage irrigated and to irrigation works and their construction and operation are taken from the special schedules.

In accordance with the law, the data collected have been classified primarily by the state and Federal laws by virtue of which the land was brought under irrigation. The results are presented in detail at the end of this chapter and summarized in text tables.

Such of the terms used as are not self-explanatory are defined below.

Farms irrigated.—The number of "farms irrigated" is the number of farms on which irrigation is practiced and is equivalent to the term "number of irrigators" used in previous census reports.

Types of enterprise.—The types of enterprise under which the lands irrigated in 1909 are classified are as follows:

United States Reclamation Service enterprises, which operate under the Federal law of June 17, 1902, providing for the construction of irrigation works with the receipts from the sale of public lands.

United States Indian Service enterprises, which operate under various acts of Congress providing for the construction by that service of works for the irrigation of land in Indian reservations.

Carey Act enterprises, which operate under the Federal law of August 18, 1894, granting to each of the states in the arid region 1,000,000 acres of land on condition that the state provide for its irrigation, and under amendments to that law granting additional areas to Idaho and Wyoming.

Irrigation districts, which are public corporations that operate under state laws providing for their organization and management, and empowering them to issue bonds and levy and collect taxes with the object of obtaining funds for the purchase or construction, and for the operation and maintenance of irrigation works.

Cooperative enterprises, which are controlled by the water users under some organized form of cooperation. The most common form of organization is the stock company, the stock of which is owned by the water users.

Commercial enterprises, which supply water for compensation to parties who own no interest in the works. Persons obtaining water from such enterprises are usually required to pay for the right to receive water, and to pay, in addition, annual charges based in some instances on the acreage irrigated and in others on the quantity of water received.

Individual and partnership enterprises, which belong to individual farmers or to neighboring farmers, who control them without formal organization. It is not always possible to distinguish between partnership and cooperative enterprises, but as the difference is slight this is unimportant.

Source of water supply.—Of the terms used in the classification according to source of water supply, none requires explanation except "reservoirs." The only reservoirs which are treated as independent sources of supply are those filled by collecting storm water or from watercourses that are ordinarily dry. When reservoirs are filled from streams or wells, the primary source is considered the source of supply.

Acre-foot.—The "acre-foot," used to express the capacity of reservoirs, is the volume of water required to cover 1 acre to a depth of 1 foot, or 43,560 cubic feet.

Cost.—The cost of irrigation enterprises is that given by the owners. For the larger works the cost given is taken, in most cases, from the books of account and represents the actual cost. In the case of most of the private and partnership and many of the cooperative enterprises, however, the works were built by their owners without records of money or labor expended, and the cost given represents the owners' estimates. The cost reported for 1910 includes the cost of construction and of acquiring rights. The latter usually consists of filing fees only. In some instances it includes the purchase price of rights, but these cases are so rare that they are unimportant. The cost reported for 1899 is designated "cost of construction," but probably includes the cost of acquiring rights, as in 1910. The average cost per acre is based on the acreage enterprises were capable of irrigating in 1910 and the cost to July 1, 1910.

FARMS AND ACREAGE IRRIGATED.

The entire area of North Dakota lies within the Great Plains. Throughout the state the rainfall is sufficient in most seasons for the maturing of crops without irrigation, the normal annual precipitation ranging from about 20 inches at the eastern boundary to about 15 inches at the western boundary.

Partly because irrigation is not necessary in every year, and partly because of the proximity of the lands which require no irrigation, the practice of irrigation has as yet been less developed in this state than in the states farther to the west.

Irrigation is for the most part confined to the ex-

treme northwestern counties of the state, along the Missouri River. The western counties bordering on this river, McKenzie and Williams, contain about 87 per cent of the total acreage reported as irrigated in 1909.

The following table shows for the state as a whole the number of farms and acreage irrigated in 1909, in comparison with the total number of farms, the total land area, the total land in farms, and the total acreage of improved land in farms in 1910, together with the areas not yet irrigated for which water has been or is being made available. Comparative figures for the census of 1900 are included as far as possible.

	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Number of all farms.....	1 74,360	1 45,332	29,028	64.0
Approximate land area of the state.....acres..	44,917,120	44,917,120		
Land in farms.....acres..	1 28,426,650	1 15,542,640	12,884,010	82.9
Improved land in farms.....acres..	1 20,455,092	1 9,644,520	10,810,572	112.1
Number of farms irrigated.....	3 69	4 54	15	27.8
Acreage irrigated.....	3 10,248	4 4,872	5,376	110.3
Acreage enterprises were capable of irrigating.....	3 21,917	(6)		
Acreage included in projects.....	3 38,173	(6)		
Percentage irrigated of—				
Number of all farms.....	0.1	0.1		
Approximate land area of the state.....	(7)	(7)		
Land in farms.....	(7)	(7)		
Improved land in farms.....	0.1	0.1		
Excess of acreage enterprises were capable of irrigating in 1910 over acreage irrigated in 1909.....	11,669			
Excess of acreage included in projects over acreage irrigated in 1909.....	27,925			

1 April 15. 2 June 1. 3 In 1909. 4 In 1899. 5 July 1. 6 Not reported. 7 Less than one-tenth of 1 per cent.

Number of farms irrigated.—According to the figures presented in the table, irrigation was practiced on only about one-tenth of 1 per cent of the farms in the state in either 1909 or 1899. Williams County, with 2 per cent of its farms irrigated, was the only county in which the proportion of irrigated farms was as high as 1 per cent.

From 1899 to 1909 the increase in the number of farms irrigated was 27.8 per cent.

Acreage irrigated.—The total acreage reported as irrigated in 1909 was 10,248, as against 4,872 acres in 1899 and 445 acres in 1889.

The average acreage irrigated per farm increased from 90.2 in 1899 to 148.5 in 1909. During the same period the average size of the farms in the state increased from 342.9 to 382.3.

At both censuses the larger part of the irrigated land was in Williams County, where 8,043 acres were irrigated in 1909 and 2,632 acres in 1899. McKenzie County had the next largest irrigated area in 1909—850 acres.

Acreage included in projects.—The foregoing table shows that in 1910 existing enterprises were ready to

supply water to 21,917 acres, or 11,669 acres more than were irrigated in 1909. The acreage included in projects exceeds the acreage irrigated in 1909 by 27,925 acres, which is more than five times the acreage brought under irrigation between 1899 and 1909, and nearly three times the acreage irrigated in 1909. This acreage represents the area which will be available for the extension of irrigation in the next few years upon the completion of existing enterprises and without new undertakings.

Acreage irrigated, classified by character of enterprise.—The following table gives the distribution of the acreage irrigated in 1909 according to the character of the enterprise controlling the irrigation works:

CHARACTER OF ENTERPRISE.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All classes.....	10,248	100.0
U. S. Reclamation Service.....	1,610	15.7
Individual and partnership enterprises.....	8,638	84.3

North Dakota has not accepted the conditions of the Carey Act and has no irrigation district law. As United States Reclamation Service enterprises are to be turned over to the water users eventually, it is evident that the entire acreage irrigated in 1909 was supplied by works that are either controlled by the water users or to come under their control later.

Acreage irrigated, classified by source of water supply.—The following table shows the distribution of the acreage irrigated in 1909 according to the source of water supply:

SOURCE OF WATER SUPPLY.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All sources	10,248	100.0
Streams.....	8,767	85.5
Wells.....	1	(¹)
Springs.....	200	2.0
Reservoirs.....	1,280	12.5

¹ Less than one-tenth of 1 per cent.

From the table it is apparent that up to the present time there has been comparatively little development of any source of water supply other than streams.

IRRIGATION WORKS.

The following statement summarizes the data collected relating to works for supplying water for irrigation in 1910. None of these items was reported in 1900.

Independent enterprises.....	number..	49
Ditches, total length.....	miles..	126
Main ditches	number..	47
Length.....	miles..	52
Capacity.....	cubic feet per second..	2,161
Lateral ditches	number..	46
Length.....	miles..	74
Reservoirs.....	number..	22
Capacity.....	acre-feet..	132,187
Pumped wells.....	number..	1
Capacity.....	gallons per minute..	15
Pumping plants.....	number..	4
Engine capacity.....	horsepower..	2,038
Pump capacity.....	gallons per minute..	182,115

Assuming that the enterprises in operation in 1909 were identical with those reported in 1910, the average acreage irrigated per enterprise was 209.1, and the acreage irrigated per mile of main ditch was 197.1.

There has been almost no utilization of underground water for irrigation, no flowing wells being reported and only one pumped well, which watered 1 acre in 1909. The water pumped for irrigation is taken principally from the Missouri River by the United States Reclamation Service at its Williston projects.

Cost of construction, operation, and maintenance.—The following table gives data in regard to the cost of construction, operation, and maintenance of irrigation enterprises.

	CENSUS OF—	
	1910	1900
Cost of irrigation enterprises.....	¹ \$836,482	² \$16,980
Average per acre.....	³ \$38.17	⁴ \$3.49
Estimated final cost of existing enterprises.....	\$836,482	(⁵)
Average per acre included in projects.....	\$21.91	(⁵)
Operation and maintenance:		
Acreage for which cost is reported.....	1,610	(⁵)
Total cost reported.....	⁶ \$45,718	(⁵)
Average cost per acre.....	\$28.40	(⁵)

¹ Reported July 1.

² Cost of construction of systems operated in 1899.

³ Based on acreage enterprises were capable of irrigating in 1910.

⁴ Based on acreage irrigated in 1899.

⁵ Not reported.

⁶ For 1909.

The cost of irrigation systems reported at the census of 1910 is nearly 50 times as great as that reported at the preceding census, and the average cost per acre, as given in the table, likewise shows a large increase. The average cost per acre shown for the census of 1910 is based on the acreage under ditch in that year, but since the corresponding acreage for 1900 was not reported, the figure for average cost at the earlier census is based on the acreage actually irrigated in 1899. If computed on the basis of the acreage irrigated in 1909, the average cost in 1910 would be \$81.62, which is more than twice as great as the average based on the acreage enterprises were capable of irrigating in 1910. This high average cost per acre irrigated is due to the fact that some of the enterprises upon which heavy expenditures have been made did not operate to their full capacity in either 1909 or 1910. An average based on the estimated final cost and the acreage included in projects, \$21.91, probably represents the average cost per acre of irrigation in North Dakota more exactly than either of the averages noted above.

The average cost per acre enterprises were capable of irrigating in 1910 was \$6.63 in McLean County, \$7.84 in McKenzie County, and \$39.72 in Williams County. Williams County also shows a higher estimated final cost per acre included in projects than either of the other counties referred to, \$22.40, as compared with \$2.02 in McLean County and \$4.35 in McKenzie County.

The entire cost of operation and maintenance reported relates to a single large pumping enterprise which is supplying water to only a small part of the land which it was designed to serve. For this reason the average cost per acre shown is not representative of the normal cost of operating and maintaining such works.

CROPS.

The next table shows the acreage, yield, and value of the principal crops reported as grown under irrigation in 1909.

CROP.	IRRIGATED CROPS: 1909				
	Acreage.	YIELD.			Value.
		Unit.	Amount.	Average per acre.	
Cereals:					
Oats	544	Bu....	25,655	47.2	\$8,368
Wheat	1,268	Bu....	28,011	22.1	26,145
Hay and forage:					
Alfalfa	136	Tons..	274	2.01	2,115
Wild, salt, or prairie grasses	1,057	Tons..	1,424	1.35	9,518

Although other crops were irrigated to some extent, the areas reported for these are in every case less than 100 acres. Alfalfa is the only crop shown in the table of which the acreage under irrigation formed as much as 1 per cent of the total acreage in that crop, the proportion for alfalfa being 4.5 per cent.

Of the crops shown in the table, wheat has the largest acreage, representing 42.2 per cent of the total irrigated acreage of the crops given. "Wild, salt, or prairie grasses" is next, with 35.2 per cent of this total, and oats follow with 18.1 per cent.

COUNTY TABLE.

The next table gives in detail, for the state and principal counties, the data summarized in this section, except those relating to crops.

Change of boundaries.—In comparing the data secured in 1910 with those for the preceding census, the following changes in the boundaries of the counties which are shown separately in the table should be considered: The organization of McKenzie County from parts of Stark and Billings Counties in 1905; that of Sheridan County from part of McLean County in 1909; and that of Divide County from part of Williams County in 1910.

ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910.

[Comparative data for 1899 in italics.]

	THE STATE.	McKenzie.	McLean. ¹	Williams. ¹	All other counties.
1 Number of all farms in 1910.....	74,860	1,406	2,379	2,602	67,973
2 Number of farms irrigated in 1909.....	69	7	1	53	8
3 Per cent of all farms.....	0.1	0.5	(²)	2.0	(²)
4 Number of farms irrigated in 1899.....	54	(¹)		25	31
5 Per cent of increase, 1899-1909.....	27.8				(¹)
LAND AND FARM AREA					
6 Approximate land area..... acres..	44,917,120	1,822,080	1,475,200	1,368,320	40,251,520
7 Land in farms..... acres..	28,426,650	277,857	837,250	786,983	26,524,560
8 Improved land in farms..... acres..	20,455,092	95,295	580,606	305,292	19,473,899
9 Acreage irrigated in 1909.....	10,248	850	120	8,043	1,235
10 Per cent of total land area.....	(²)	(²)	(²)	0.6	(²)
11 Per cent of land in farms.....	(²)	0.3	(²)	1.0	(²)
12 Per cent of improved land in farms.....	0.1	0.9	(²)	2.6	(²)
13 Acreage irrigated in 1899.....	4,872	(¹)		2,632	2,240
14 Per cent of increase, 1899-1909.....	110.3				(³)
15 Acreage enterprises were capable of irrigating in 1910.....	21,917	850	163	19,664	1,240
16 Acreage included in projects.....	38,173	1,532	535	34,865	1,241
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS					
CLASSIFIED BY CHARACTER OF ENTERPRISE.					
17 U. S. Reclamation Service, irrigated in 1909.....	1,610			1,610	
18 Enterprises were capable of irrigating in 1910.....	12,096			12,096	
19 Included in projects.....	24,480			24,480	
20 Individual and partnership enterprises, irrigated in 1909.....	8,638	850	120	6,433	1,235
21 Enterprises were capable of irrigating in 1910.....	9,821	850	163	7,568	1,240
22 Included in projects.....	13,693	1,532	535	10,385	1,241
ACREAGE IRRIGATED					
CLASSIFIED BY SOURCE OF WATER SUPPLY.					
23 Supplied from streams.....	8,767	590	120	6,843	1,214
24 By gravity.....	7,153	590	120	5,233	1,210
25 By pumping.....	1,614			1,610	4
26 Supplied from wells.....	1				1
27 By pumping.....	1				1
28 Supplied from springs.....	200			200	
29 Supplied from reservoirs.....	1,280	260		1,000	20
30 Total acreage supplied by pumping.....	1,615			1,610	5
IRRIGATION ENTERPRISES					
31 Independent enterprises..... number..	49	6	1	34	8
32 Main ditches..... number..	47	5	1	35	6
33 Length..... miles..	52	8	1	40	3
34 Capacity..... cubic feet per second..	2,161	162	3	1,703	293
35 Laterals..... number..	46	16		30	
36 Length..... miles..	74	1		73	
37 Reservoirs..... number..	22	8	1	13	
38 Capacity..... acre-feet..	132,187	25	5	132,157	1
39 Pumped wells..... number..	1				1
40 Capacity..... gallons per minute..	15				15
41 Pumping plants..... number..	4	1		1	2
42 Engine capacity..... horsepower..	2,038	30		2,000	8
43 Pump capacity..... gallons per minute..	182,115	2,000		180,000	115
COST					
44 Cost of enterprises up to July 1, 1910..... dollars..	836,482	(¹)	1,080	781,100	47,639
45 Cost in 1899..... dollars..	16,980	6,663		7,989	8,991
46 Per cent of increase, 1899-1910.....	4,826.3				(³)
47 Average cost per acre enterprises were capable of irrigating in 1910..... dollars..	38.17	7.84	6.63	39.72	38.42
48 Average cost per acre irrigated in 1899..... dollars..	3.49	(¹)		3.04	4.01
49 Estimated final cost of existing enterprises..... dollars..	836,482	6,663	1,080	781,100	47,639
50 Average per acre included in projects..... dollars..	21.91	4.35	2.02	22.40	38.39
OPERATION AND MAINTENANCE					
51 Acreage for which cost is reported.....	1,610			1,610	
52 Total cost reported..... dollars..	45,718			45,718	
53 Average per acre for which cost is reported..... dollars..	28.40			28.40	

¹ Change of boundary. (See explanation at close of text.)

² Less than one-tenth of 1 per cent.

³ Does not include the same territory at the two censuses.

CHAPTER 5.

STATISTICS OF MANUFACTURES FOR THE STATE, CITIES, AND INDUSTRIES.

Introduction.—This chapter gives the statistics of manufactures for the state of North Dakota for the calendar year 1909, as shown by the Thirteenth Census.

The text summarizes the general results of the census inquiry, presenting a series of special tables in which the main facts printed in the general tables are given in convenient form for the state as a whole and for important industries. It also presents tables in which the statistics for the industries of the state as a whole and for a few important industries are classified by character of ownership, size of establishments, number of wage earners, and prevailing hours of labor, information which could not be presented in general tables for each industry without disclosing the facts for individual establishments.

At the end of the chapter are three general tables.

Table I gives for 1909, 1904, and 1899 the number of establishments and of persons engaged in the industries, primary power, capital, salaries and wages, cost of materials, value of products, and value added by manufacture reported for all industries combined and for certain important industries for the state as a whole. It also gives the same items for all industries combined for every city having in 1910 a population of over 10,000 but less than 50,000.

Table II gives statistics in detail for 1909 for the state and for a larger number of industries.

Table III gives statistics in detail for 1909 for all industries combined for each city having from 10,000 to 50,000 inhabitants.

Scope of census: Factory industries.—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of organization, location of establishments, size of establishments, labor force, and similar subjects. When use is made of the data for these purposes it is imperative that due attention should be given to the limitations of the figures. Particularly is this true when the attempt is made to derive from them figures purporting to show average wages, cost of production, or profits. These limitations will be fully discussed in the general report on manufactures for the United States as a whole.

The census of 1909, like that of 1904, was confined to manufacturing establishments conducted under the factory system, as distinguished from the neighborhood, hand, and building industries. Where statistics for 1899 are given they have been reduced to a

comparable basis by eliminating the latter classes of industries. The census does not include establishments which were idle during the entire year, or had a value of products of less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions, or in governmental establishments, except those of the Federal Government.

Period covered.—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—The term "establishment" comprises the factories, mills, or plants which are under a common ownership or control, and for which one set of books of account is kept.

If, however, the plants constituting an establishment as thus defined were not all located within the same city or state, separate reports were secured in order that the separate totals might be included in the statistics for each city or state. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products very different from those covered by the class designation, and, on the other hand, may not include the total product covered by this designation, because some part of this product may be made in establishments in which it is not the product of chief value.

Selected industries.—The general tables at the end of this chapter give the principal facts separately for the industries of the state. A selection has been made of the leading industries of the state for more detailed consideration. Sometimes an industry of greater importance than some of those selected is omitted because it comprises so few establishments that these detailed presentations would reveal the operations of individual concerns.

Comparisons with previous censuses.—Owing to the changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. Table I, giving comparable figures for 1909, 1904, and 1899, therefore, does not embrace all the industries shown for 1909 in Table II.

Influence of increased prices.—In considering changes in cost of materials, value of products, and value added by manufacture, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures can not be taken as an exact measure of increase in the volume of business.

Persons engaged in industry.—At the censuses of 1909, 1904, and 1899, the following general classes of persons engaged in manufacturing industries have been distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks, and (5) wage earners. In the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. The second group included the

three classes of salaried officers of corporations, superintendents and managers, and clerks. In the present census an entirely different grouping is employed: That into (1) proprietors and officials, (2) clerks, and (3) wage earners. The first group includes proprietors and firm members, salaried officers of corporations, and superintendents and managers.

At this census the number of persons engaged in the industries, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for December 15, or the nearest representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where conditions were exceptional, and particularly in the case of certain seasonal industries, such as canning, the December date could not be accepted as typical, and an earlier date had to be chosen.

In the case of employees other than wage earners the number thus reported on December 15, or other representative day, has been treated as equivalent to the average for the year, since the number of employees of this class does not vary much from month to month in a given industry. In the case of wage earners the average is obtained in the manner explained in the next paragraph.

Wage earners.—In addition to the report by sex and age of the number of wage earners on December 15, or other representative day, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported each month by 12. The average thus obtained represents the number of wage earners that would be required to perform the work done if all were constantly employed during the entire year. Accordingly, the importance of any industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given for each separate industry, is not totaled for all industries combined, because in view of the variations of date, such a total is believed not to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation.

In particular, totals by sex and age for the wage earners reported for the representative day would be misleading because of the undue weight given to seasonal industries, in some of which, such as canning and preserving, the distribution of the wage earners by sex and age is materially different from that in most industries of more regular operation. In order to determine as nearly as possible the sex and age distribution of the average number of wage earners in the state as a whole, the following procedure has been adopted:

The percentage distribution by sex and age of the wage earners in each industry, for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. This percentage has been applied to the average number of wage earners for the year in that industry, to determine the average number of men, women, and children employed. These calculated averages for the several industries have been added up to give the average distribution for the state as a whole.

In 1899 and 1904 the schedule called for the average number of wage earners of each sex 16 years and over, and the total number under 16 years of age, for each month, and these monthly statements were combined in an annual average. Comparatively few manufacturing concerns, however, keep their books in such way as to show readily the number of men, women, and children (under 16) employed each month. These monthly returns by sex and age were, in fact, largely estimates. It was believed that a more accurate and reliable sex and age distribution could be secured by taking as a basis of estimate the actual numbers employed on a single day.

Prevailing hours of labor.—The census made no attempt to ascertain the number of employees working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one period to another are disregarded, and no attention is given to the fact that a limited number of employees may have hours differing from those of the majority. In the tables all the wage earners of each establishment are counted in the class within which the establishment itself falls. In most establishments, however, all or practically all the employees work the same number of hours, so that these figures give a substantially correct picture of the hours of labor in manufacturing industries.

Capital.—For reasons stated in prior census reports, the statistics of capital secured by the census canvass are so defective as to be without value, except as indicating very general conditions. The instructions on the schedule for securing capital were as follows:

The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises.

Materials.—Cost of materials refers to the materials used during the year, which may be more or less than the materials purchased during the year. The term materials includes fuel, rent of power and heat, mill supplies, and containers, as well as materials forming a constituent part of the product. Fuel includes all fuel used, whether for heat, light, or power, or for the process of manufacture.

Expenses.—Under "Expenses" are included all items of expense incident to the year's business, except interest, whether on bonds or other forms of indebtedness, dividends on stock, and allowances for depreciation.

Value of products.—The value of products for any industry includes the total value of all products manufactured in establishments whose products of chief value fall under the industry designation. The amounts given represent the selling value at the factory of all products manufactured during the year, which may differ from the value of the products sold. Amounts received for work on materials furnished by others are included.

Value added by manufacture.—The value of products is not a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing process carried on in the industry itself. Another part of it, and often by far the larger part, represents the value of the materials used, which have been produced by agriculture or mining or by other industrial establishments. For many purposes, therefore, the best measure of the importance of different classes of industry is the value created as the result of the manufacturing operations carried on within the industry. This value is obtained by deducting the cost of the materials consumed from the value of the product. The figure thus obtained is termed in the census reports "value added by manufacture."

There is a further statistical advantage which "value added" has over gross value of products. In combining the value of products for all industries the value of products produced by one establishment and used as materials in another is duplicated, and the total, therefore, gives a greatly exaggerated idea of the wealth created. No such duplication takes place in the total "value added by manufacture."

Cost of manufacture and profits.—Census data do not show the entire cost of manufacture, and consequently can not be used to show profits. No account has been taken of interest and depreciation. Even if the amount of profit could be determined by deducting the expenses from the value of the products, the rate of profit on the investment could not properly be calculated, because of the very defective character of the returns regarding capital.

Primary power.—The figures given for this item show the total of the primary power used by the establishments. They do not cover the power developed by motors operated by such power, the inclusion of which would evidently result in duplication.

Location of establishments.—The Census Bureau has classified establishments by their location in cities or classes of cities. In interpreting these figures due consideration should be given to the fact that often establishments are located just outside the boundaries of cities, and are necessarily so classified.

Laundries.—The census of 1909 was the first to include statistics of laundries. The reports are confined to establishments using mechanical power. The data are presented separately and are not included in the general total for manufacturing industries, in order to avoid interference with comparisons with prior censuses.

Custom gristmills.—In order to make the statistics for 1909 comparable with those for 1904 the data for these mills have been excluded from all the tables presenting general statistics, but are presented in a separate table at the end of this chapter.

INDUSTRIES IN GENERAL.

General character of the state.—North Dakota, with a gross area of 70,837 square miles, of which 654 represent water surface, ranks sixteenth in size among the states and territories of continental United States. Its population in 1910 was 577,056, as compared with 319,146 in 1900 and 190,983 in 1890. It ranked thirty-seventh among the 49 states and territories as regards population in 1910 and fortieth in 1900.

In 1910 only 11 per cent of the total population of the state resided in incorporated cities having a population of 2,500 or over, as compared with 7.3 per cent in 1900. Only two cities, Fargo and Grand Forks, have a population of more than 10,000.

The density of population in 1910 was 8.2 persons per square mile, as compared with 4.5 in 1900.

Several important railway systems traverse the state from east to west, and these lines, together with the connecting railways, provide excellent transportation facilities.

Importance and growth of manufactures.—Although North Dakota is primarily an agricultural community, the total value of manufactured products of the state has increased steadily at each census since 1899. Prior to that year manufacturing in the state was limited almost entirely to the so-called neighborhood, hand, and building industries; and, with the exception of the flour-mill and gristmill industry, practically the entire product was made for local consumption. The latter statement continued to be true to a great extent in 1909. In that year North Dakota ranked forty-fifth among the states of the Union in value of manufactures. The gross value of products per capita of the total population of the state increased from \$20 in 1899 to \$33 in 1909.

The following table gives the most important figures relative to all classes of manufactures combined for the state as returned at the censuses of 1909, 1904, and 1899, together with the percentages of increase from census to census:

	NUMBER OR AMOUNT.			PER CENT OF INCREASE.	
	1909	1904	1899	1904-1909	1899-1904
Number of establishments.....	752	507	337	48.3	50.4
Persons engaged in manufactures.....	4,148	2,545	(¹)	63.0	.....
Proprietors and firm members.....	723	494	(¹)	46.4	.....
Salaried employees.....	636	296	152	114.9	94.7
Wage earners (average number).....	2,789	1,755	1,358	58.9	29.2
Primary horsepower.....	13,196	9,873	7,351	33.7	34.3
Capital.....	\$11,585,000	\$5,704,000	\$3,512,000	103.1	62.4
Expenses.....	17,290,000	8,895,000	5,155,000	94.4	72.6
Services.....	2,416,000	1,289,000	801,000	87.4	60.9
Salaries.....	629,000	258,000	130,000	143.8	98.5
Wages.....	1,787,000	1,031,000	671,000	73.3	53.7
Materials.....	13,674,000	7,096,000	4,151,000	92.7	70.9
Miscellaneous.....	1,200,000	510,000	203,000	135.3	151.2
Value of products.....	19,138,000	10,218,000	6,260,000	87.3	63.2
Value added by manufacture (value of products less cost of materials).....	5,464,000	3,122,000	2,109,000	75.0	48.0

¹ Figures not available.

In 1909 the state of North Dakota had 752 manufacturing establishments, which gave employment to an average of 4,148 persons during the year and paid out \$2,416,000 in salaries and wages. Of the persons employed, 2,789 were reported as wage earners. These establishments turned out products to the value of \$19,138,000, to produce which materials costing \$13,674,000 were consumed. The value added by manufacture was thus \$5,464,000, which figure, as explained in the Introduction, best represents the net wealth created by manufacturing operations during the year.

In general, this table brings out the fact that the marked development in the manufacturing industries of North Dakota which took place from 1899 to 1904 continued even to a greater degree in the following five years. From 1899 to 1904 the value of products increased 63.2 per cent, and from 1904 to 1909, 87.3 per cent. As pointed out in the Introduction, it would be improper to infer that manufactures increased in volume to the full extent indicated by these figures regarding values, since the increase shown is certainly due, in part, to the increase that has taken place in the price of commodities.

It is a matter of interest to note that the percentages of increase shown for salaries and wages show a greater proportionate increase than those for numbers of sala-

ried employees and wage earners. The relative importance and growth of the leading manufacturing industries of the state are shown in the following table:

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. ¹			
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	Value of products.		Value added by manufacture.	
								1904-1909	1899-1904	1904-1909	1899-1904
All industries.....	752	2,789	100.0	\$19,138,000	100.0	\$5,464,000	100.0	87.3	63.2	75.0	48.0
Flour-mill and gristmill products.....	84	435	15.6	11,685,000	61.1	1,630,000	29.8	80.8	67.9	63.0	33.7
Printing and publishing.....	330	788	28.3	1,910,000	10.0	1,470,000	26.9	72.1	54.2	68.4	58.7
Butter, cheese, and condensed milk.....	68	62	2.2	1,029,000	5.4	138,000	2.5	83.1	360.7	64.3	223.1
Leather goods.....	19	98	3.5	683,000	3.6	221,000	4.0				
Cars and general shop construction and repairs by steam-railroad companies.....	5	463	16.6	680,000	3.6	380,000	7.0	236.6	43.3	214.0	59.2
Bread and other bakery products.....	67	146	5.2	601,000	3.1	255,000	4.7	93.2	284.0	100.8	188.6
Brick and tile.....	13	188	6.7	287,000	1.5	214,000	3.9	68.8	28.8	57.4	33.3
Gas, illuminating and heating.....	6	28	1.0	199,000	1.0	121,000	2.2	95.1		77.9	
Tobacco manufactures.....	28	34	1.2	98,000	0.5	61,000	1.1	28.9	10.1	29.8	9.3
All other industries.....	132	547	19.6	1,966,000	10.3	974,000	17.8				

¹ Percentages are based on figures in Table I. Where the percentages are omitted, comparable figures can not be given.

It should be borne in mind, in considering this table, that the value of products in some of the industries involves a certain amount of duplication due to the use of the product of one establishment in the industry as material for another establishment.

The most important industries presented in this table, in which they are arranged in the order of the value of products, call for brief consideration.

Flour-mill and gristmill products.—North Dakota is one of the leading wheat-growing states; and, measured by the value of products, milling is the state's most important manufacturing industry. The value of products for this industry in 1909 formed 61.1 per cent of the total value of all manufactured products for the state. From 1904 to 1909 the value of products in the industry increased 80.8 per cent, while the value added by manufacture increased 63 per cent.

Printing and publishing.—In 1909 over one-fourth, 28.3 per cent, of the total average number of wage earners of all manufacturing industries in the state were employed in this industry. The establishments were principally small newspaper and job printing offices.

Butter, cheese, and condensed milk.—Butter was reported almost exclusively as the product of this industry at the last two censuses. Reports were received from four cheese factories in 1904 and from only one in 1909. No condensed-milk establishment was reported at either census. The growth of the butter and cheese industry from 1904 to 1909 was marked; the value of products increased 83.1 per cent and the value added by manufacture 64.3 per cent; the growth was more pronounced from 1899 to 1904, when the value of products increased 360.7 per cent and the value added by manufacture 223.1 per cent.

Leather goods.—This industry, which was represented by 19 establishments, embraces the manufac-

ture of saddlery, harness, trunks, and valises. There were five establishments in the industry in 1904, but the statistics for these can not be presented separately without disclosing the operations of individual establishments.

Measured by value added by manufacture, the industries in the preceding table show considerable change in their order from that when measured by value of products. The butter and cheese industry, which is third in value of products, is seventh in value added by manufacture; the leather-goods industry, which is fourth in value of products, is fifth in value added by manufacture; while the industries, cars and general shop construction and repairs by steam-railroad companies and bread and other bakery products, which are fifth and sixth, respectively, in value of products, are third and fourth, respectively, in value added by manufacture. This table also shows the percentages of increase for these leading industries in respect to value of products and value added by manufacture where the statistics are comparable. The railroad repair shop industry showed a greater rate of increase from 1904 to 1909 in value of products and value added by manufacture than any of the other specified industries, namely, 236.6 per cent and 214 per cent, respectively.

In the rate of increases, both in value of products and value added by manufacture, from 1899 to 1904, as compared with those for 1904 to 1909, some striking differences may be noted, especially in the case of the creameries, the bakeries, and the steam-railroad repair shops.

In addition to the nine industries presented separately, there are six industries which had a value of products in 1909 in excess of \$100,000. One of these, the mineral and soda-water industry, is not shown, because the

returns do not properly present the true condition of the industry, for the reason that bottling is also done largely in connection with other industries. The artificial-stone, confectionery, copper, tin, and sheet-iron, foundry and machine-shop, and lumber and timber industries are not shown separately, because in some cases the operations of individual establishments would thus be disclosed; in others, because the data for prior censuses are not available; and in still others, because there has been a change in classification. The 1909 statistics, however, for four of these industries are presented in Table II.

Persons engaged in manufacturing industries.—The following table shows, for 1909, the distribution of the number of persons engaged in manufactures, the average number of wage earners being distributed by sex and age. It should be borne in mind, however, that the sex and age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the Introduction.

CLASS.	PERSONS ENGAGED IN MANUFACTURES.		
	Total.	Male.	Female.
All classes.....	4,148	3,777	371
Proprietors and officials.....	965	936	29
Proprietors and firm members.....	723	697	26
Salaried officers of corporations.....	64	64	.....
Superintendents and managers.....	178	175	3
Clerks.....	394	303	91
Wage earners (average number).....	2,789	2,538	251
16 years of age and over.....	2,732	2,489	243
Under 16 years of age.....	57	49	8

The average number of persons engaged in manufactures during 1909 was 4,148, of whom 2,789 were wage earners. Of the remainder, 965 were proprietors and officials and 394 were clerks. Corresponding figures for individual industries will be found in Table II.

The table following shows, for 1909, the percentage of proprietors and officials, clerks, and wage earners, respectively, among the total number of persons employed in manufactures. It covers all industries combined and seven important industries individually.

Of the total number of persons engaged in all manufacturing industries, 23.3 per cent were proprietors and officials, 9.5 per cent clerks, and 67.2 per cent wage earners. In the bakery, butter, and printing and publishing industries the majority of the establishments are small and, to a large extent, the work is done by the proprietors or their immediate representatives, so that the proportion of persons falling in the class of proprietors and officials is higher than for such an industry as railroad repair shops, which are operated by corporations, for which no proprietors are reported, and whose general officials

are not, as a rule, assigned to the supervision of this particular branch of the work.

INDUSTRY.	PERSONS ENGAGED IN MANUFACTURES.			
	Total number.	Per cent of total.		
		Proprietors and officials.	Clerks.	Wage earners (average number).
All industries.....	4,148	23.3	9.5	67.2
Bread and other bakery products.....	242	31.8	7.9	60.3
Brick and tile.....	214	11.2	0.9	87.8
Butter, cheese, and condensed milk.....	106	39.6	1.9	58.5
Cars and general shop construction and repairs by steam-railroad companies.....	494	3.0	3.2	93.7
Flour-mill and gristmill products.....	710	21.7	17.0	61.3
Leather goods.....	157	20.4	17.2	62.4
Printing and publishing.....	1,294	30.3	8.8	60.9
All other industries.....	931	24.6	10.0	65.4

The following table shows, in percentages, for 1909, for all industries combined the distribution of the average number of wage earners by age periods, and for those 16 years of age and over by sex, calculated in the manner described in the Introduction. It also shows for some of the important industries separately a similar distribution of wage earners as reported for December 15, or the nearest representative day. As a means of judging the importance of the several industries, the average total number employed for the year is also given in each case.

INDUSTRY	WAGE EARNERS.			
	Average number. ¹	Per cent of total.		
		16 years of age and over.		Under 16 years of age.
		Male.	Female.	
All industries.....	2,789	89.3	8.7	2.0
Bread and other bakery products.....	146	77.4	19.9	2.7
Brick and tile.....	188	97.3	.....	2.7
Butter, cheese, and condensed milk.....	62	98.4	.....	1.6
Cars and general shop construction and repairs by steam-railroad companies.....	463	100.0	.....	.....
Flour-mill and gristmill products.....	435	99.8	0.2	.....
Leather goods.....	98	99.0	.....	1.0
Printing and publishing.....	788	77.4	17.3	5.3
All other industries.....	609	87.0	12.5	0.5

¹ For method of estimating the distribution, by sex and age periods, of the average number in all industries combined, see Introduction.

For all industries combined, 89.3 per cent of the average number of wage earners were males 16 years of age and over; 8.7 per cent, females 16 years of age and over; and 2 per cent, persons under the age of 16.

The larger part of the total number of female wage earners is made up of those employed in the printing and publishing industry. Among the industries not shown in the table, the confectionery industry also employed a large number of women. These two industries combined reported four-fifths of all female employees 16 years of age and over. The printing and publishing industry also includes the larger part of the

small total number of wage earners under 16 years of age.

In order to compare the distribution of persons engaged in manufactures in 1909 with that shown at the census of 1904, it is necessary to use the classification employed at the earlier census. (See Introduction.) The following table makes this comparison according to occupational status:

CLASS.	PERSONS ENGAGED IN MANUFACTURES.				
	1909		1904		Per cent of increase, 1904-1909.
	Number.	Per cent distribution.	Number.	Per cent distribution.	
Total	4,148	100.0	2,545	100.0	63.0
Proprietors and firm members...	723	17.4	494	19.4	46.4
Salaried employees.....	636	15.3	296	11.6	114.9
Wage earners (average number)...	2,789	67.2	1,755	69.0	58.9

Comparable figures are not obtainable for 1899. The table shows a greater percentage of increase in the salaried employees than in the other two classes.

The following table shows the average number of wage earners, distributed according to age periods, and in the case of those 16 years of age and over according to sex, for 1909, 1904, and 1899. The averages for 1909 are estimated on the basis of the actual number reported for a single representative day. (See Introduction.)

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1904		1899	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
Total	2,789	100.0	1,755	100.0	1,358	100.0
16 years of age and over	2,732	98.0	1,720	98.0	1,324	97.5
Male.....	2,489	89.2	1,521	86.7	1,232	90.7
Female.....	243	8.7	199	11.3	92	6.8
Under 16 years of age..	57	2.0	35	2.0	34	2.5

The present proportion of children is slightly less than it was 10 years ago; and while in 1909 the proportion of women employed was greater than in 1899, it was less than in 1904. In 1909 males 16 years of age and over formed 89.2 per cent of all wage earners, as compared with 86.7 per cent in 1904 and 90.7 per cent in 1899.

Wage earners employed, by months.—The following table gives the number of wage earners employed on the 15th of each month during the year 1909 for all industries combined, for the brick and tile industry, and for all other industries combined; it also gives the percentage which the number reported for each month is of the greatest number reported for any

month. In Table II, page 660, is shown, for practically all of the important industries in the state, the largest number and also the smallest number of wage earners reported for any month. The figures are for the 15th day, or the nearest representative day, of the month.

MONTH.	WAGE EARNERS.					
	All industries.		Brick and tile.		All other industries.	
	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.
January.....	2,356	77.2	40	10.4	2,316	80.3
February.....	2,386	78.2	49	12.7	2,337	81.1
March.....	2,443	80.0	82	21.3	2,361	81.9
April.....	2,580	84.5	134	34.8	2,446	84.8
May.....	2,816	92.3	256	66.5	2,560	88.8
June.....	3,041	99.6	385	100.0	2,656	92.1
July.....	3,004	98.4	385	100.0	2,619	90.8
August.....	2,880	94.4	248	64.4	2,632	91.3
September.....	2,927	95.9	196	50.9	2,731	94.7
October.....	3,033	99.4	194	50.4	2,839	98.5
November.....	3,052	100.0	160	43.9	2,833	100.0
December.....	2,950	96.7	117	30.4	2,833	98.3

For all industries combined the number of wage earners employed was lowest in January and highest in November. Considerable irregularity in employment is shown, however, for the several months, which is due somewhat to the fluctuation in the number of wage earners employed in the brick and tile industry. During the first six months of the year there was a steady increase in the number of wage earners in this industry, from 40 in January to 385 in June and July. From this time the number fell continuously until in December it was 117. Outside of this industry the number of wage earners employed underwent no great change, the number increasing steadily from January to November, with the exception of July and August, when slightly smaller numbers were employed than in June.

In the table following wage earners have been classified according to the hours of labor prevailing in the establishments in which they are employed. In making this classification the average number of wage earners employed during the year is used, and the number employed in each establishment is classified as a total according to the hours prevailing in that establishment, even though some few employees work a greater or less number of hours.

Almost one-half of the total number of wage earners employed in the manufacturing industries of North Dakota were in establishments where the prevailing hours of labor were 60 per week or 10 per day; 3.9 per cent were reported in establishments where more than 60 hours per week prevail; and 49.4 per cent in those where less than 60 hours per week prevail.

INDUSTRY.	AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS GROUPED ACCORDING TO PREVAILING HOURS OF WORK PER WEEK.								
	Total.	48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.	Over 72
All industries.....	2,789	423	186	542	227	1,303	59	30	19
Bread and other bakery products.....	146	1	.....	2	33	108	2	.....	.....
Brick and tile.....	188	.....	.....	4	.....	184	.....	.....	.....
Butter, cheese, and condensed milk.....	62	7	.....	3	.....	50	.....	2	.....
Cars and general shop construction and repairs by steam-railroad companies.....	403	.....	124	216	.....	123	.....	.....	.....
Flour-mill and gristmill products.....	435	3	1	.....	3	348	52	28	.....
Leather goods.....	98	.....	.....	2	67	29	.....	.....	.....
Printing and publishing.....	788	377	46	268	58	39	.....	.....	.....
All other industries.....	609	35	15	47	66	422	5	.....	19

Location of establishments.—Fargo with 14,331 and Grand Forks with 12,478 inhabitants are the only cities which had a population of over 10,000 in 1910. Prior to this census there were no cities in the state having over 10,000 inhabitants. The 1909 totals given in Table I (p. 659) show that the two cities combined, although having slightly less than one-twentieth of the population of the state, reported nearly one-third of the total number of wage earners and almost one-fourth of the value of the manufactured products. In the former city the manufacture of saddlery and harness and the printing and publishing industry predominate. In Grand Forks the flour-mill and gristmill and printing and publishing industries are among the most important. Comparable data for earlier censuses are available for the city of Fargo

only. The total value of manufactured products in this city, which showed a decrease from 1899 to 1904, increased 113.4 per cent from 1904 to 1909.

Character of ownership.—The table that follows has for its purpose the presentation of conditions in respect to the character of ownership, or legal organization, of manufacturing enterprises. For all industries combined comparative figures are given covering the censuses of 1909 and 1904. Comparative data for 1899 are not available. Figures for 1909 only are presented for several important industries individually.

In order to avoid disclosing the operations of individual concerns reporting, it is necessary to omit several important industries from this table and the one following.

INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
ALL INDUSTRIES:					Butter, cheese, and condensed milk, 1909.....	68	62	\$1,029,135	\$137,806
1909.....	752	2,789	\$19,137,506	\$5,463,916	Individual.....	14	10	217,503	31,309
1904.....	507	1,755	10,217,914	3,121,928	Firm.....	9	7	132,198	19,644
Individual:					Corporation.....	16	13	267,249	33,390
1909.....	472	775	3,555,937	1,561,752	Other.....	29	27	412,125	53,403
1904.....	295	565	2,546,425	1,045,945	Per cent of total.....	100.0	100.0	100.0	100.0
Firm:					Individual.....	20.6	16.1	21.1	22.8
1909.....	112	233	1,570,604	483,322	Firm.....	13.2	11.3	12.8	14.3
1904.....	91	331	2,204,145	625,611	Corporation.....	23.5	29.0	26.0	24.2
Corporation:					Other.....	42.6	43.5	40.0	38.8
1909.....	133	1,752	13,586,608	3,356,970	Flour-mill and gristmill products, 1909.....	84	435	\$11,685,116	\$1,630,202
1904.....	81	826	5,146,817	1,407,935	Individual.....	32	52	1,268,595	239,200
Other:					Firm.....	17	41	835,135	120,443
1909.....	35	29	424,357	61,872	Corporation.....	35	342	9,581,386	1,276,559
1904.....	40	33	260,527	42,437	Per cent of total.....	100.0	100.0	100.0	100.0
Per cent of total:					Individual.....	38.1	12.0	10.9	14.3
1909.....	100.0	100.0	100.0	100.0	Firm.....	20.2	9.4	7.1	7.4
1904.....	100.0	100.0	100.0	100.0	Corporation.....	41.7	78.6	82.0	78.3
Individual:					Leather goods, 1909.....	19	98	\$683,273	\$221,326
1909.....	62.8	27.8	18.6	28.6	Individual.....	11	14	106,442	39,897
1904.....	58.2	32.2	24.9	33.5	Firm.....	5	8	30,510	16,134
Firm:					Corporation.....	3	76	546,321	165,295
1909.....	14.9	8.4	8.2	8.8	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	17.9	18.9	22.2	20.0	Individual.....	57.9	14.3	15.6	18.0
Corporation:					Firm.....	26.3	8.2	4.5	7.3
1909.....	17.7	62.8	71.0	61.4	Corporation.....	15.8	77.6	80.0	74.7
1904.....	16.0	47.1	50.4	45.1	Printing and publishing, 1909.....	330	788	\$1,909,514	\$1,469,733
Other:					Individual.....	257	389	897,080	713,023
1909.....	4.7	1.0	2.2	1.1	Firm.....	37	71	176,783	138,009
1904.....	7.9	1.9	2.5	1.4	Corporation.....	31	327	829,231	611,850
Bread and other bakery products, 1909.....	67	146	\$600,621	\$254,706	Other.....	5	1	6,420	6,251
Individual.....	55	96	435,369	179,328	Per cent of total.....	100.0	100.0	100.0	100.0
Firm.....	9	10	52,185	23,931	Individual.....	77.9	49.4	47.0	48.5
Corporation.....	3	40	113,067	51,447	Firm.....	11.2	9.0	9.3	9.4
Per cent of total.....	100.0	100.0	100.0	100.0	Corporation.....	9.4	41.5	43.4	41.6
Individual.....	82.1	65.8	72.5	70.4	Other.....	1.5	0.1	0.3	0.4
Firm.....	13.4	6.8	8.7	9.4					
Corporation.....	4.5	27.4	18.8	20.2					

From 1904 to 1909 the proportionate number of establishments under the different kinds of ownership

shows no pronounced change, although in this respect there were small increases in the proportion of estab-

lishments under individual and corporate ownership and slight decreases in the proportion of those under other forms. In the average number of wage earners employed, however, in the value of products and in the value added by manufacture, establishments operated by corporations reported a much larger proportion of the total in 1909 than in 1904. In 1909, of the total value of products of the bakeries, 72.5 per cent was reported by establishments under individual ownership. In the manufacture of butter and cheese, "Other" forms of ownership showed the largest value of products, because of the large number of cooperative organizations which are peculiar to this industry. In the flour-mill and gristmill and in the leather industries four-fifths of the value of products were reported by corporations.

Size of establishment.—The tendency for manufacturing to become concentrated in large establishments, or the reverse, is a matter of interest from the standpoint of industrial organization. In order to throw some light upon it the table which follows groups the establishments according to the value of their products. The table also shows the average size of establishments for all industries combined and for important industries separately, as measured by number of wage earners, value of products, and value added by manufacture. The totals for all industries are shown for the last two censuses, while for certain important industries figures are given for 1909 only.

This table shows that, in 1909, of the 752 establishments only 33, or 4.4 per cent, had a value of products exceeding \$100,000. These establishments, however, had an average number of wage earners of 859, or 30.8 per cent of the total number in all establishments, and reported 58 per cent of the total value of products and 36.6 per cent of the total value added by manufacture.

On the other hand, the very small establishments—that is, those having a value of products of less than \$5,000—represented more than one-half, 50.8 per cent, of the total number of establishments, but the average number of wage earners employed in them represented only 12.6 per cent, the value of their products only 4.8 per cent, and the value added by manufacture only 12.1 per cent of the corresponding totals for the state.

The increase from \$20,154 to \$25,449 in the average value of products per establishment, and from \$6,158 to \$7,266 in average value added by manufacture per establishment, is due to the greater proportion of the totals shown for these items in the establishments having products valued at over \$100,000. The average number of wage earners per establishment remained practically the same.

INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
ALL INDUSTRIES:				
1909.....	752	2,789	\$19,137,506	\$5,463,916
1904.....	507	1,755	10,217,914	3,121,928
Less than \$5,000:				
1909.....	382	351	915,406	658,537
1904.....	285	290	669,773	469,202
\$5,000 and less than \$20,000:				
1909.....	238	628	2,350,795	1,103,610
1904.....	132	439	1,262,776	641,385
\$20,000 and less than \$100,000:				
1909.....	99	951	4,767,125	1,703,216
1904.....	66	591	2,798,317	1,024,540
\$100,000 and less than \$1,000,000:				
1909 ¹	33	859	11,104,180	1,998,553
1904.....	24	435	5,487,048	986,801
Per cent of total:				
1909.....	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0
Less than \$5,000:				
1909.....	50.8	12.6	4.8	12.1
1904.....	56.2	16.5	6.6	15.0
\$5,000 and less than \$20,000:				
1909.....	31.6	22.5	12.3	20.2
1904.....	26.0	25.0	12.4	20.5
\$20,000 and less than \$100,000:				
1909.....	13.2	34.1	24.9	31.2
1904.....	13.0	33.7	27.4	32.8
\$100,000 and less than \$1,000,000:				
1909 ¹	4.4	30.8	58.0	36.6
1904.....	4.7	24.8	53.7	31.6
Average per establishment:				
1909.....		4	\$25,449	\$7,266
1904.....		3	20,154	6,158
Bread and other bakery products, 1909.....	67	146	\$600,621	\$254,706
Less than \$5,000.....	31	14	82,071	38,881
\$5,000 and less than \$20,000.....	30	68	290,483	124,193
\$20,000 and less than \$100,000.....	6	64	228,067	91,632
Per cent of total.....	100.0	100.0	100.0	100.0
Less than \$5,000.....	46.3	9.6	13.7	15.3
\$5,000 and less than \$20,000.....	44.8	46.6	48.4	48.8
\$20,000 and less than \$100,000.....	9.0	43.8	38.0	36.0
Average per establishment.....		2	\$8,964	\$3,802
Butter, cheese, and condensed milk, 1909.....	68	62	\$1,029,135	\$137,806
Less than \$5,000.....	10	7	30,705	7,031
\$5,000 and less than \$20,000.....	41	32	469,737	67,065
\$20,000 and less than \$100,000.....	17	23	528,693	63,710
Per cent of total.....	100.0	100.0	100.0	100.0
Less than \$5,000.....	14.7	11.3	3.0	5.1
\$5,000 and less than \$20,000.....	60.3	51.6	45.6	48.7
\$20,000 and less than \$100,000.....	25.0	37.1	51.4	46.2
Average per establishment.....		1	\$15,134	\$2,027
Flour-mill and gristmill products, 1909.....	84	435	\$11,685,116	\$1,630,302
Less than \$5,000.....	3	2	11,123	1,869
\$5,000 and less than \$20,000.....	22	14	282,066	46,980
\$20,000 and less than \$100,000.....	35	105	2,029,191	362,469
\$100,000 and less than \$1,000,000 ¹	24	314	9,362,736	1,218,884
Per cent of total.....	100.0	100.0	100.0	100.0
Less than \$5,000.....	3.6	0.5	0.1	0.1
\$5,000 and less than \$20,000.....	26.2	3.2	2.4	2.9
\$20,000 and less than \$100,000.....	41.7	24.1	17.4	22.2
\$100,000 and less than \$1,000,000 ¹	28.6	72.2	80.1	74.8
Average per establishment.....		5	\$139,109	\$19,407
Leather goods, 1909.....	19	98	\$683,273	\$221,326
Less than \$5,000.....	5	5	18,162	10,779
\$5,000 and less than \$20,000.....	11	24	112,975	45,931
\$20,000 and less than \$100,000 ²	3	69	552,136	164,616
Per cent of total.....	100.0	100.0	100.0	100.0
Less than \$5,000.....	26.3	5.1	2.7	4.9
\$5,000 and less than \$20,000.....	57.9	24.5	16.5	20.8
\$20,000 and less than \$100,000 ²	15.8	70.4	80.8	74.4
Average per establishment.....		5	\$35,962	\$11,649
Printing and publishing, 1909.....	330	788	\$1,909,514	\$1,469,733
Less than \$5,000.....	248	254	599,352	489,455
\$5,000 and less than \$20,000.....	69	246	559,883	439,454
\$20,000 and less than \$100,000 ²	13	288	750,279	540,824
Per cent of total.....	100.0	100.0	100.0	100.0
Less than \$5,000.....	75.2	32.2	31.4	33.3
\$5,000 and less than \$20,000.....	20.9	31.2	29.3	29.9
\$20,000 and less than \$100,000 ²	3.9	36.5	39.3	36.8
Average per establishment.....		2	\$5,786	\$4,454

¹ Includes the group of "\$1,000,000 and over."

² Includes the group "\$100,000 and less than \$1,000,000."

In some respects, and especially from the standpoint of conditions under which persons engaged in manufactures work, the best classification of establishments to bring out the feature of size is a classification according to the number of wage earners employed.

The following table shows for 1909 such a classification for all industries combined and for seven important industries individually, and gives not only the number of establishments falling in each group but also the average number of wage earners employed:

INDUSTRY.	Total.	ESTABLISHMENTS EMPLOYING—								
		No wage earners.	1 to 5 wage earners.	6 to 20 wage earners.	21 to 50 wage earners.	51 to 100 wage earners.	101 to 250 wage earners.	251 to 500 wage earners.	501 to 1,000 wage earners.	Over 1,000 wage earners.
NUMBER OF ESTABLISHMENTS.										
All industries.....	752	125	537	64	21	3	2			
Bread and other bakery products.....	67	17	46	3	1					
Brick and tile.....	13		5	6	2					
Butter, cheese, and condensed milk.....	68	8	60							
Cars and general shop construction and repairs by steam-railroad companies.....	5				1	2	2			
Flour-mill and gristmill products.....	84	12	51	15	5	1				
Leather goods.....	19		16	1	2					
Printing and publishing.....	330	60	248	17	5					
All other industries.....	166	28	111	22	5					
AVERAGE NUMBER OF WAGE EARNERS.										
All industries.....	2,789		956	654	706	226	247			
Bread and other bakery products.....	146		92	23	31					
Brick and tile.....	188		13	90	85					
Butter, cheese, and condensed milk.....	62		62							
Cars and general shop construction and repairs by steam-railroad companies.....	463				42	174	247			
Flour-mill and gristmill products.....	435		116	140	127	52				
Leather goods.....	98		22	9	67					
Printing and publishing.....	788		431	152	205					
All other industries.....	609		220	240	149					
PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.										
All industries.....	100.0		34.3	23.4	25.3	8.1	8.9			
Bread and other bakery products.....	100.0		63.0	15.8	21.2					
Brick and tile.....	100.0		6.9	47.9	45.2					
Butter, cheese, and condensed milk.....	100.0		100.0							
Cars and general shop construction and repairs by steam-railroad companies.....	100.0				9.1	37.6	53.3			
Flour-mill and gristmill products.....	100.0		26.7	32.2	29.2	12.0				
Leather goods.....	100.0		22.4	9.2	68.4					
Printing and publishing.....	100.0		54.7	19.3	26.0					
All other industries.....	100.0		36.1	39.4	24.5					

The per cent distribution of the number of establishments is not shown in this table; of the 752 establishments reported for all industries, 16.6 per cent employed no wage earners; 71.4 per cent, 1 to 5; 8.5 per cent, 6 to 20; and 2.8 per cent, 21 to 50. The most numerous single group consists of the 537 establishments employing 1 to 5 wage earners, and the next of the 125 establishments employing no wage earners.

Of the total number of wage earners, 34.3 per cent were in establishments employing from 1 to 5 wage earners; 23.4 per cent were in establishments employing from 6 to 20 wage earners; 25.3 per cent were in establishments employing from 21 to 50 wage earners; while 17 per cent were in the 5 establishments employing over 50 wage earners each.

Expenses.—As stated in the Introduction, the census does not purport to furnish figures that can be used for determining the cost of manufacture and profits. Facts of interest can, however, be brought out concerning the relative importance of the different classes of expenses which make up the total.

The following table shows, in percentages, the distribution of expenses among the classes indicated for all industries combined and for certain important industries separately. The figures on which the percentages are based appear in Table II.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
All industries.....	3.6	10.3	79.1	6.9
Bread and other bakery products.....	3.4	16.9	69.2	10.4
Brick and tile.....	10.6	36.9	30.6	22.0
Butter, cheese, and condensed milk.....	0.8	4.7	91.5	2.9
Cars and general shop construction and repairs by steam-railroad companies.....	4.9	50.1	44.1	1.0
Flour-mill and gristmill products.....	1.8	2.6	91.3	4.4
Leather goods.....	7.2	8.6	75.3	8.9
Printing and publishing.....	11.1	38.5	31.7	18.6
All other industries.....	7.8	19.1	58.8	14.2

This table shows that, for all industries combined, 79.1 per cent of the total expenses was incurred for materials, 13.9 per cent for services—that is, salaries and wages—and but 6.9 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries.

Engines and power.—The following table shows, for all industries combined, the number of engines or other motors, according to their character, employed in generating power (including electric motors operated by purchased current), and their total horsepower at the censuses of 1909, 1904, and 1899. It also shows separately the number and horsepower of electric motors, including those operated by current generated in the manufacturing establishments.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.			PER CENT DISTRIBUTION OF HORSEPOWER.		
	1909	1904	1899 ¹	1909	1904	1899 ¹	1909	1904	1899
Primary power, total	749	290	271	13,196	9,873	7,351	100.0	100.0	100.0
Owned.....	442	290	271	12,004	9,586	7,197	91.0	97.1	97.9
Steam.....	169	147	128	10,170	8,619	5,930	77.1	87.3	80.7
Gas.....	265	136	127	1,304	645	759	9.9	6.5	10.3
Water wheels.....	8	6	16	530	318	506	4.0	3.2	6.9
Water motors.....		1	(²)		4	(²)	(²)	(²)	(²)
Other.....						2			(²)
Rented.....	307	(²)	(²)	1,192	287	154	9.0	2.9	2.1
Electric.....	307	(²)	(²)	1,164	281	127	8.8	2.8	1.7
Other.....				28	6	27	0.2	0.1	0.4
Electric motors	335	14	6	1,698	477	171	100.0	100.0	100.0
Run by current generated by establishment.....	28	14	6	534	196	44	31.4	41.1	25.7
Run by rented power.....	307	(²)	(²)	1,164	281	127	68.6	58.9	74.3

¹ Includes the neighborhood industries and hand trades, omitted in 1904 and 1909.

² Not reported.

³ Less than one-tenth of 1 per cent.

This table indicates that from 1904 to 1909 there was an increase of 3,323 in the total primary horsepower used in the state, almost one-half of which, 1,551 horsepower, was in power generated by steam engines, and more than one-fourth, or 905 horsepower, was in rented electric power. Water power also shows an increase of 208 horsepower. The more general use of gas engines is shown by the fact that

the number of such engines in use in 1909 was 265, as compared with 136 in 1904, while the horsepower during the same period of years more than doubled. The horsepower represented by electric motors operated by rented power increased from 281 in 1904 to 1,164 in 1909. The number of motors run by rented power was not reported in 1904 or 1899, thus rendering impossible a comparison with the figures for 1909. In 1904, 97.1 per cent of the total horsepower was owned by the establishments reporting, compared with 91 per cent in 1909. This loss of 6.1 per cent in owned power was gained by power rented. The horsepower of the electric motors run by current generated in the manufacturing establishments increased from 44 in 1899 to 196 in 1904 and 534 in 1909.

Fuel.—Closely related to the question of kind of power employed is that of the fuel used in generating this power or otherwise as material in the manufacturing processes. The following table shows the quantity of each kind of fuel used in 1909 for all industries combined and for certain selected industries:

INDUSTRY.	Anthracite coal (tons).	Bituminous coal (tons).	Coke (tons).	Wood (cords).	Oil, including gasoline (barrels).	Gas (1,000 feet).
All industries	2,874	105,798	429	11,651	6,879	2,696
Bread and other bakery products	225	872	24	1,709	36	445
Brick and tile		22,871		4,804	5	
Butter, cheese, and condensed milk	212	3,089		67	20	
Cars, and general shop construction and repairs by steam-railroad companies		26,651				
Flour-mill and gristmill products	1,632	40,145		4,216	940	14
Gas, illuminating and heating	6	8,772	136		3,113	
Leather goods	47	63		14	5	80
Printing and publishing	564	1,434		59	943	1,768
All other industries	188	1,900	209	782	1,817	389

NOTE.—In addition, there were 3 tons of other varieties of fuel reported.

SUPPLEMENTARY DATA REGARDING IMPORTANT INDUSTRIES.

(With statistics for laundries and custom gristmills.)

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantity and value of materials and products which do not appear on the general schedule. Certain data of this character for three important industries in North Dakota are here presented.

Flour-mill and gristmill products.—The tabular statement following gives the quantity and value of products for the last two census years.

From 1904 to 1909 there was an increase of 80.8 per cent in the value of products. While every product shared in this increase, the most important change was in the production of grits, which increased from 22,068 to 9,029,862 pounds. The value of wheat flour showed a gain of 63.9 per cent in 1909, compared with 1904, although its proportion of the total value of all products of the industry decreased from 85.3 per cent in 1904 to 77.3 per cent in 1909.

PRODUCT.	QUANTITY.		VALUE.	
	1909	1904	1909	1904
Total value.....			\$11,685,116	\$6,463,228
Wheat flour.....barrels..	1,825,920	1,223,219	9,034,418	5,513,554
White.....barrels..	1,816,738	1,221,416	8,990,038	5,506,935
Graham.....barrels..	9,182	1,803	38,380	6,619
Corn meal.....barrels..	1,026		5,124	
Rye flour.....barrels..	153	50	581	300
Grits.....pounds..	9,029,862	22,068	261,844	417
Feed.....tons..	30,575	11,220	805,858	189,230
Offal.....tons..	76,357	52,904	1,554,283	755,846
All other products.....			22,978	3,881

Butter, cheese, and condensed milk.—There were only four cheese factories in 1904 and only one in 1909, and the value of their products, which was comparatively small at both censuses, is included under "All other products" in the following table:

PRODUCT.	QUANTITY AND VALUE.		
	1909	1904	1899
Total value.....	\$1,029,135	\$562,481	\$122,128
Butter:			
Packed solid—			
Pounds.....	2,873,519	2,657,328	361,224
Value.....	\$756,158	\$485,758	\$74,839
Prints or rolls—			
Pounds.....	810,160	355,823	101,964
Value.....	\$225,197	\$70,650	\$20,393
Cream sold:			
Pounds.....	3,348	120	2,400
Value.....	\$496	\$12	\$120
All other products.....	\$47,284	\$6,061	\$26,776

There was an increase of 83 per cent in the total value of products from 1904 to 1909. This increase is due largely to an advance in the price of butter.

Printing and publishing.—The following shows the number of publications and the aggregate circulation per issue for 1909, 1904, and 1899, distributed according to period of issue.

In 1909 the aggregate circulation per issue of the newspapers and periodicals of the state combined

was 372,642, which represents an increase of 51.7 per cent over the corresponding figure for 1904. Weekly publications had a circulation of 259,675 per issue.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1909	1904	1899	1909	1904	1899
Total.....	333	235	143	372,642	245,711	138,890
Daily.....	12	9	9	56,954	21,458	18,021
Sunday.....	4	2	4	23,900	9,550	(1)
Semiweekly.....	1	3	2	613	5,060	7,100
Weekly.....	310	212	126	259,675	175,513	106,219
Monthly.....	5	6	2	26,000	19,630	7,550
All other classes.....	1	3		5,500	14,500	

¹ Included in circulation of dailies.

Of the 333 newspapers and periodicals published in 1909, 310, or 93.1 per cent, were published weekly. There was an increase of three in the number of dailies from 1904 to 1909, and during the same period the combined total circulation of the daily publications increased 165.4 per cent. All of the publications were in the English language, except 10, 5 of which were in German, 2 in German and English, and 3 in Norwegian.

Laundries.—Statistics for steam laundries are not included in the general tables or in the totals for manufacturing industries. There were 34 establishments in the state of North Dakota, 6 of which were in Fargo and 4 in Grand Forks.

The following statement summarizes the statistics:

Number of establishments.....	34
Persons engaged in the industry.....	503
Proprietors and firm members.....	39
Salaried employees.....	30
Wage earners (average number).....	434
Primary horsepower.....	606
Capital.....	\$444,817
Expenses.....	413,161
Services.....	208,492
Materials.....	102,412
Miscellaneous.....	102,257
Amount received for work done.....	548,175

Twenty establishments were operated by individuals, five by corporations, and nine by general partnerships. Six establishments had receipts for the year's business of less than \$5,000; 17, \$5,000 but less than \$20,000; and 11, \$20,000 but less than \$100,000.

The number of wage earners employed each month and the per cent which this number represented of the greatest number employed in any month were as follows:

MONTH.	WAGE EARNERS.		MONTH.	WAGE EARNERS.	
	Number.	Per cent of maximum.		Number.	Per cent of maximum.
January.....	394	85.7	July.....	457	99.3
February.....	400	87.0	August.....	460	100.0
March.....	435	94.6	September.....	445	96.7
April.....	437	95.0	October.....	430	93.5
May.....	417	90.7	November.....	446	97.0
June.....	440	95.7	December.....	451	98.0

The different kinds of primary power, the number of engines or motors, and the horsepower used in 1909 are shown in the following tabular statement:

KIND.	Number of engines or motors.	Horse-power.
Primary power, total.....		606
Owned.....	32	500
Steam.....	29	485
Gas.....	3	15
Rented—Electric.....	26	106

The kind and amount of fuel used are shown below.

KIND.	Unit.	Quantity.
Anthracite coal.....	Tons.....	161
Bituminous coal.....	Tons.....	5,888
Wood.....	Cords.....	1,767
Oil.....	Barrels.....	130
Gas.....	1,000 feet.....	1,840

Custom gristmills.—Statistics for custom gristmills are not included in the general tables, or in the totals for manufacturing industries, but are presented in the following summary:

Number of establishments.....	58
Persons engaged in the industry.....	79
Proprietors and firm members.....	60
Salaried employees.....	2
Wage earners (average number).....	17
Primary horsepower.....	1,270

Capital.....	\$168,192
Expenses.....	746,119
Services.....	8,860
Materials.....	1 730,458
Miscellaneous.....	6,801
Value of products.....	1 824,782

¹ Includes estimate of all grain ground.

STATISTICS OF MANUFACTURES.

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TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY AND CITY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employees.	Wage earners (average number).							
Expressed in thousands.													
STATE—All industries.....	1909	752	4,148	723	636	2,789	13,196	\$11,585	\$629	\$1,787	\$13,674	\$19,138	\$5,464
	1904	507	2,545	494	296	1,755	9,873	5,704	258	1,031	7,096	10,218	3,122
	1899	337		152	152	1,358	7,351	3,512	130	671	4,151	6,260	2,109
Bread and other bakery products.....	1909	67	242	74	22	146	88	337	17	84	346	601	255
	1904	39	137	43	8	86	14	107	6	44	184	311	127
	1899	11	49	12		37		21		13	37	81	44
Brick and tile.....	1909	13	214	11	15	188	668	769	25	88	73	287	214
	1904	14	142	10	15	117	407	204	10	60	34	170	136
	1899	12	132	20	4	108	165	174	3	48	30	132	102
Butter, cheese, and condensed milk.....	1909	68	106	32	12	62	854	312	8	46	891	1,029	138
	1904	60	98	18	25	55	618	202	2	38	478	562	84
	1899	21	31	13	5	13	191	52	1	8	96	122	26
Cars and general shop construction and repairs by steam-railroad companies.	1909	5	494		31	463	332	745	33	340	300	680	380
	1904	3	166		20	146	98	137	19	102	81	202	121
	1899	3	133		7	126	197	171	7	68	65	141	76
Flour-mill and gristmill products.....	1909	84	710	79	196	435	8,907	4,427	199	283	10,055	11,085	1,630
	1904	56	454	66	76	312	5,770	2,384	85	200	5,463	6,463	1,000
	1899	58			53	272		1,144	46	149	3,102	3,850	748
Gas, illuminating and heating.....	1909	6	49	1	20	28	52	861	18	13	78	199	121
	1904	4	23	1	12	10	1,825	432	11	6	34	102	68
	1899												
Printing and publishing.....	1909	330	1,294	333	173	788	948	1,955	154	533	440	1,910	1,470
	1904	* 229	834	243	76	515	392	1,079	69	313	237	1,110	873
	1899	140	578	148	48	382		626	42	177	170	720	550
Tobacco manufactures.....	1909	28	68	31	3	34		53	1	20	37	98	61
	1904	27	60	30		30		35		16	29	76	47
	1899	26	61	28		33		24		17	26	69	43
All other industries.....	1909	151	971	162	164	645	1,347	2,126	174	380	1,454	2,649	1,195
	1904	75	631	83	64	484	749	1,124	56	252	556	1,222	666
	1899	66			35	387		1,300	31	191	625	1,145	520

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

Fargo	1909	61	746	43	193	510	789	\$2,077	\$192	\$325	\$1,410	\$2,477	\$1,067
	1904	47	522	47	89	386	.....	884	76	219	555	1,161	606
	1899	36	.....	.....	37	307	.....	846	33	163	783	1,231	448
Grand Forks	1909	38	473	31	92	350	773	1,376	112	218	1,251	1,910	659
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Figures can not be shown without disclosing individual operations.

² Excluding statistics for one establishment, to avoid disclosure of individual operations.

³ Figures not available.

TABLE II.—DETAIL STATEMENT FOR

INDUSTRY.		Number of establishments.	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Primary horse-power.
			Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Average number.	Wage earners.			Total.	16 and over.		Under 16.			
						Male.	Fe-male.		Maximum month.	Minimum month.	Male.		Fe-male.	Male.	Fe-male.			
1	All industries.....	752	4,148	723	242	303	91	2,789	No 3,052	Ja 2,356	(1)	(1)	(1)	(1)	(1)	13,196		
2	Artificial stone.....	31	116	34	3	3	7	76	Je ² 138	Ja 10	119	119	.....	.....	.....	101
3	Bread and other bakery products.....	67	242	74	3	12	7	146	Jy 158	Mh 120	157	122	31	4	.....	88	
4	Brick and tile.....	13	214	11	13	1	1	188	Je ² 385	Ja 40	284	277	.....	7	.....	668
5	Butter, cheese, and condensed milk.....	68	106	32	10	.....	2	62	Je 72	Ja 49	67	66	.....	1	.....	854
6	Carriages and wagons and materials.....	3	12	3	.....	.....	.....	9	Mh ² 10	Jy ² 8	10	10	.....	.....	.....	14
7	Cars and general shop construction and repairs by steam-railroad companies.....	5	494	.....	15	14	2	463	De 517	Ap 424	527	527	.....	.....	.....	332
8	Confectionery.....	3	127	.....	7	18	4	98	No 134	Ja ² 82	115	45	70	.....	.....	60
9	Copper, tin, and sheet-iron products.....	8	82	6	5	6	2	63	Oc 78	Ja 41	66	66	.....	.....	.....	36
10	Flour-mill and gristmill products.....	84	710	79	75	99	22	435	Oc 560	Au 365	561	560	1	.....	.....	8,907
11	Fur goods.....	4	19	5	.....	.....	1	13	No ² 22	Ap 7	22	5	17	.....	.....	7
12	Gas, illuminating and heating.....	6	49	1	10	7	3	28	My 32	Fe 23	28	28	.....	.....	.....	52
13	Leather goods.....	19	157	22	10	23	4	98	De 111	Jy ² 94	111	110	.....	1	.....	93
14	Lumber and timber products.....	8	80	8	6	3	.....	63	No 77	Ja 40	71	71	.....	.....	.....	249
15	Marble and stone work.....	7	31	9	.....	6	1	15	Se 19	Ja ² 8	16	16	.....	.....	.....	13
16	Patent medicines and compounds and druggists' preparations.....	3	8	4	1	1	.....	2	Ja ³ 2	Jy ³ 2	2	2	.....	.....	.....	9
17	Printing and publishing.....	330	1,294	333	59	81	33	788	De 822	Mh 769	832	644	144	36	8	948		
18	Tobacco manufactures.....	28	68	31	1	2	.....	34	No 43	Je 27	44	37	5	2	.....	765
19	All other industries ⁴	65	339	71	24	27	9	208	.....	.....	.....	.....	.....	.....	.....	.....

¹ No figures given for reasons explained in the Introduction.² Same number reported for one or more months.³ Same number reported throughout the year.⁴ All other industries embrace—

Agricultural implements.....	2	Canning and preserving.....	1	Coffee and spice, roasting and grinding.....	1
Awnings, tents, and sails.....	1	Carpets, rag.....	1	Flax and hemp, dressed.....	6
Bluing.....	1	Cars and general shop construction and repairs by street-railroad companies.....	2		
Brooms.....	2				

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES, CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

CITY.		Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.					
			Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners (average number).				Total.	16 and over.		Under 16.		Primary horse-power.	
						Male.	Fe-male.	Total.	16 and over.		Under 16.		Male.	Fe-male.	Male.	Fe-male.		
									Male.	Fe-male.								
1	FARGO.....	61	746	43	58	110	25	510	434	72	4	548	466	78	4	789		
2	GRAND FORKS.....	38	473	31	32	46	14	350	275	61	14	416	326	73	17	773		

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THE STATE, BY INDUSTRIES: 1909.

Capital		EXPENSES.										Value of products.	Value added by manu- facture.
		Total.	Services.			Materials.		Miscellaneous.					
			Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including Internal revenue.	Contract work.	Other.		
1	\$11,684,747	\$17,290,331	\$320,815	\$307,915	\$1,787,405	\$453,420	\$13,220,170	\$84,175	\$75,612	\$21,323	\$1,019,496	\$19,137,506	\$5,463,916
2	165,701	140,918	2,620	1,839	48,607	2,439	72,427	520	689		11,777	183,769	109,903
3	337,417	499,541	4,940	12,248	84,491	18,350	327,565	11,090	3,891		36,966	600,621	254,706
4	769,367	238,175	17,714	7,504	87,795	46,798	25,990	1,100	2,420		48,854	286,921	214,133
5	312,246	973,917	7,502	450	45,943	13,890	877,439	1,530	2,087	77	24,999	1,029,135	137,806
6	23,685	15,165			6,940	787	6,700		168		570	18,885	11,398
7	744,651	679,613	20,085	13,070	340,186	58,025	240,620				6,727	679,612	380,067
8	206,009	424,183	13,804	24,986	38,423	4,397	293,763	1,856	1,372		45,522	454,516	156,356
9	204,719	238,723	6,408	8,327	40,502	1,304	126,140	1,500	1,026		53,516	258,283	130,839
10	4,427,320	11,017,142	102,759	96,418	283,063	185,591	9,869,323	1,203	26,487		452,298	11,685,116	1,630,202
11	51,827	37,679		384	7,290	348	22,844	2,520	377		3,916	48,011	24,819
12	860,894	132,823	11,747	5,919	13,162	56,983	20,849	500	6,156	2,767	14,740	198,633	120,801
13	520,881	613,507	18,100	26,069	52,947	3,537	453,410	5,380	3,373		45,691	683,273	221,326
14	177,587	161,074	8,700	3,250	50,162	5,108	83,478	8	1,987		8,331	186,645	98,059
15	96,402	76,648		4,650	11,429	650	42,026	591	637		16,665	96,150	53,474
16	6,673	9,442	600	1,012	1,312	96	5,466	60	42	140	714	11,451	5,889
17	1,965,261	1,386,077	76,345	78,036	533,432	42,888	396,893	45,378	15,147	17,856	180,102	1,909,514	1,469,733
18	52,565	69,970	300	1,090	20,102	365	37,070	2,021	6,165		2,857	98,178	60,743
19	605,542	575,734	29,131	22,663	121,619	10,964	313,167	8,918	3,588	483	65,201	708,793	384,662

* All other industries embrace—Continued.					
Food preparations.....	1	Leather, tanned, curried, and finished.....	2	Upholstering materials.....	2
Foundry and machine-shop products.....	12	Mattresses and spring beds.....	1	Wirework, including wire rope and cable.....	1
Hair work.....	1	Mineral and soda waters.....	26		
Hand stamps and stencils and brands.....	1	Show cases.....	1		

AND TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909.

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

	Capital.	EXPENSES.										Value of products.	Value added by manufacture.
		Total.	Services.			Materials.		Miscellaneous.					
			Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.		
1	\$2, 077, 135	\$2, 232, 000	\$86, 052	\$105, 565	\$325, 052	\$57, 371	\$1, 352, 902	\$17, 075	\$13, 011	\$17, 301	\$257, 671	\$2, 476, 845	\$1, 066, 572
2	1, 375, 525	1, 742, 238	83, 418	58, 729	218, 084	59, 188	1, 191, 385	11, 186	12, 062	1, 650	136, 536	1, 910, 062	659, 489

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CHAPTER 6.

MINES AND QUARRIES.

Introduction.—The present chapter contains a complete statement of the statistics of all mining industries, which include all mines, quarries, and wells in the state of North Dakota for the year 1909, as shown by the Thirteenth Census.

A brief explanation of the scope of the census of mining industries and of the terms used, in so far as the usage differs from that followed in the census of manufactures, is presented below in order to prevent any misinterpretation of the statistics.

The explanations here given show the usage of the mining census generally, though some of the special rules have obviously no relation to particular states in which the industries referred to do not exist.

Scope of census.—The Thirteenth Census covered all classes of mines, quarries, and petroleum and gas wells that were in operation during any portion of the year 1909, both those which were producing and those whose operations were confined to development work. Mines, quarries, or wells that were idle during the entire year 1909 were omitted from the canvass. The following operations were likewise omitted from the canvass: Prospecting; the digging or dredging of sand and gravel for the construction of roads and for building operations; the production of mineral waters; and the operation of small bituminous coal banks producing less than 1,000 tons annually.

Where the mineral products are not marketed in their crude condition, but are dressed or washed at the mine or quarry, the statistics of mining cover the entire work of obtaining the crude material and its preparation for the market.

Period covered.—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for enterprises which began or discontinued business during the year.

Number of operators.—As a rule, the unit of enumeration was the "operator." Every individual, firm, or corporation was required to furnish one report for all mines, quarries, or wells which were operated under the same management or for which one set of books of account was kept. Separate reports were obtained for all properties operated in different states, even where they were owned by the same operator. Likewise, where the operations of one individual, firm, or corporation covered more than one class of mines and quarries, such as coal, iron, limestone, etc., a separate report was received for each industry.

Number of mines, quarries, and wells.—This figure represents the total number of mines and quarries in operation or in the course of development at any time during the calendar year 1909, or the business year that corresponds most nearly to that calendar year, and the number of completed petroleum and natural gas wells in operation on December 31, 1909.

In most mining and quarrying industries the number of mines or quarries varies but little from the number of operators.

Expenses of operation and development.—A certain amount of development work is incidental to the operation of every mine. The expenses reported for producing mines include the cost both of operation and of development work which was done in connection with operation.

Wages.—The amount shown as wages includes only the compensation of regular wage earners hired by the day, week, or month, or under the piecework system.

Supplies and materials.—This item includes the cost of lumber and timber used for repairs, mine supports, track ties, etc.; iron and steel for blacksmithing; rails, frogs, sleepers, etc., for tracks and repairs; renewals of tools and machinery and materials for repairs; and supplies, explosives, oil, etc., as well as the cost of fuel and the rent of power. The schedule called only for the cost of such supplies and materials as had been used during the year covered by the report. Accurate figures, however, could be furnished only in those cases where the operators kept an account of supplies and materials used, or had an inventory made of all in stock at the beginning and at the end of the year. Such a system of accounting is far from general among mine operators, and there is reason to believe that in many cases the reported cost of supplies and materials covered all purchased during the year rather than those used during the year. The crude product of some operators was purchased by others for further dressing or refining; the cost of such materials is shown separately in the general table.

Capital.—The census schedule required every operator to state the total amount of capital invested in the enterprise on the last day of the business year reported, as shown by his books. There is, however, a great diversity in the methods of bookkeeping in use by different operators. As a result, the statistics for capital lack uniformity. Some of the figures reported apparently represent capital stock at face value; others include large investments in mineral lands which are not at present being actively mined, but are held in reserve; still others may include expenditures for unproductive mining ventures in no way related to the operations carried on during the census year.

Persons engaged in mining industries.—The statistics of the number of operators and officials, clerks, and wage earners are based on the returns for December 15, or the nearest representative day. The reported number of wage earners includes overseers and foremen performing work similar to that of the men over whom they have charge; those whose duties are wholly supervisory are classed as superintendents and managers. Because of the common practice of shutting down mines at frequent intervals, it is impossible to ascertain with any satisfactory degree of accuracy the average number of employees—that is, the number who, if continuously employed, would be required to produce the actual output of the year.

Value of products.—Statistics of the value of mineral products were obtained by the Bureau of the Census in cooperation with the United States Geological Survey, but the two bureaus follow different methods in presenting these statistics. The Geological Survey shows separately the value of each mineral product, whereas the Bureau of the Census presents the value of products of each mining industry. The value of products given for a mining industry often includes the value of some products not covered by the industry designation. The crude product of metalliferous mines may include varying combinations of metals, such as gold, silver, copper, lead, zinc, and iron. Similarly, the total value of all products of the granite quarries is not identical with the value of the total output of granite, but may include the value of some marble or other stone quarried in connection with the principal product.

The value of products for 1909 in most cases represents the value of the products marketed during that year, not the value of those mined during that year.

Summary.—Only 53 operators of mining enterprises were reported from North Dakota in 1909. Of these, 52 were engaged in the production of bitumi-

nous coal and 1 in the production of petroleum and natural gas. Detailed statistics for these enterprises are presented in Table 1.

DETAILED STATISTICS FOR MINING INDUSTRIES: 1909.

Table 1	All industries. ¹		All industries. ¹
Number of operators.....	53	Number of wage earners employed on the 15th day of each month:	
Number of mines, quarries, and wells.....	59	January.....	742
Capital.....	\$1,058,649	February.....	727
		March.....	627
Expenses of operation and development.....	\$570,140	April.....	414
Services—		May.....	351
Salaried officers of corporations, superintendents, and man-		June.....	324
agers.....	\$34,372	July.....	387
Clerks and other salaried employees.....	\$28,217	August.....	304
Wage earners.....	\$364,321	September.....	454
Miscellaneous—		October.....	719
Supplies.....	\$95,352	November.....	750
Fuel and rent of power.....	\$12,835	December.....	851
Royalties and rent of mines.....	\$10,647		
Taxes.....	\$4,300	Land controlled, acres.....	34,695
Contract work.....	\$1,325	Owned.....	12,300
Rent of offices and other sundry expenses.....	\$18,771	Held under lease.....	22,395
		Mineral and oil land.....	30,350
Value of products.....	\$564,812	Owned.....	7,971
Persons engaged in industry.....	960	Held under lease.....	22,385
Proprietors and officials.....	79	Other land.....	4,339
Proprietors and firm members.....	51	Primary horsepower.....	2,025
Number performing manual labor.....	19	Steam engines—	
Salaried officers of corporations.....	6	Number.....	37
Superintendents and managers.....	22	Horsepower.....	2,014
Clerks and other salaried employees.....	21	Gas or gasoline engines—	
Wage earners, Dec. 15, 1909, or nearest representative day.....	860	Number.....	2
Above ground.....	202	Horsepower.....	11
Below ground ²	658		
Engineers, firemen, mechanics, etc.....	51	Electric motors run by current generated by enterprise using:	
Above ground.....	45	Number.....	26
Below ground.....	6	Horsepower.....	565
Miners and miners' helpers.....	581		
Below ground.....	581		
All other employees ²	228		
Above ground.....	157		
Below ground ²	71		

¹ Includes operators as follows: Bituminous coal, 52; petroleum and natural gas, 1.

² Includes 1 boy under 16 years of age.

Comparison of mining industries: 1902-1909.—In order to make comparisons between 1909 and 1902 it is necessary to omit from the 1902 figures, as given in the mines and quarries report for that year, statistics for the production of cement. Such items as are comparable for the two years are presented in Table 2.

The value of products increased 73.3 per cent, and the amount paid for wages and salaries, 84.8 per cent.

Table 2	1909	1902	Per cent of increase. ¹
Wages and salaries.....	\$426,910	\$231,014	84.8
Supplies and materials.....	\$108,187	\$86,467	25.1
Royalties and rent of mines.....	\$10,647	\$1,407	656.7
Contract work.....	\$1,325	\$2,795	—52.6
Value of products.....	\$564,812	\$325,967	73.3
Primary horsepower.....	2,025	839	141.4

¹ A minus sign (—) denotes decrease.